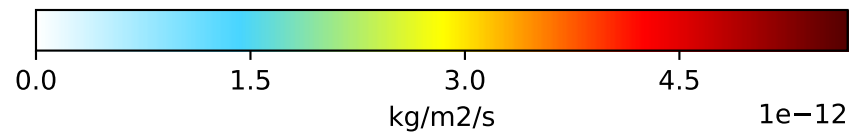
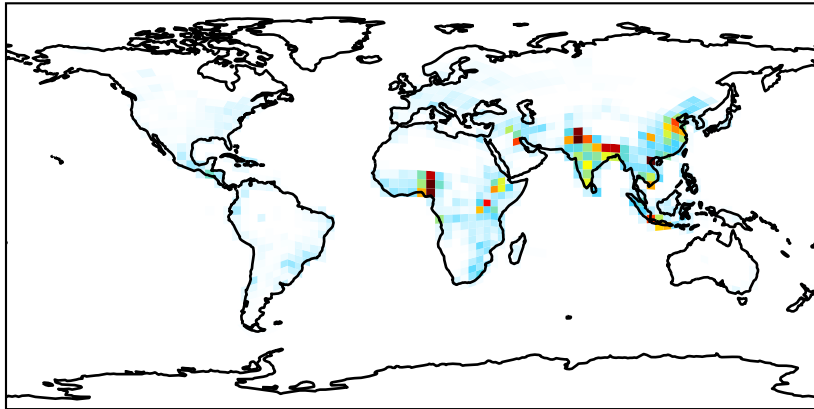
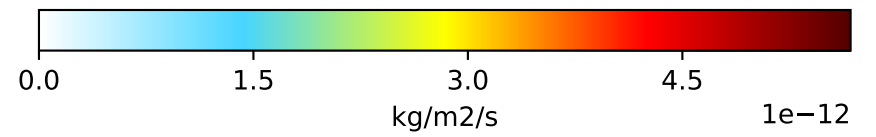
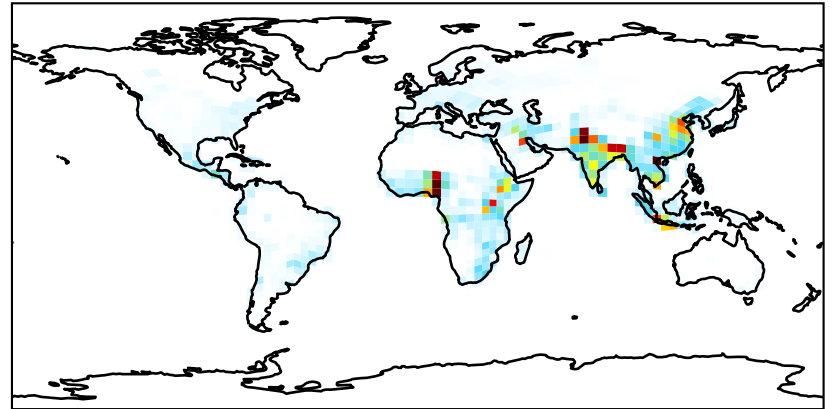


EmisALD2_Anthro

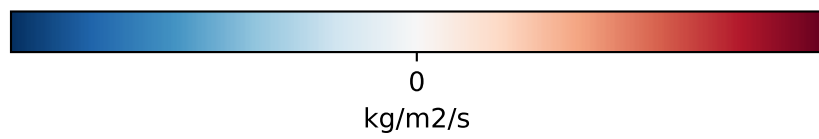
GCHP_14.2.0_MERRA2 (Ref)
c24



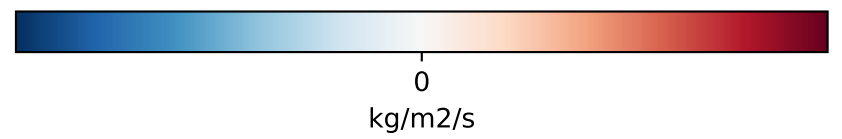
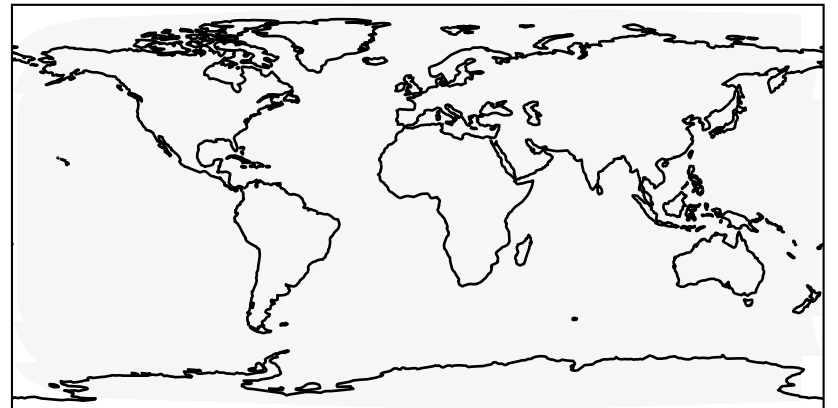
GCHP_14.2.0_GEOS-IT (Dev)
c24



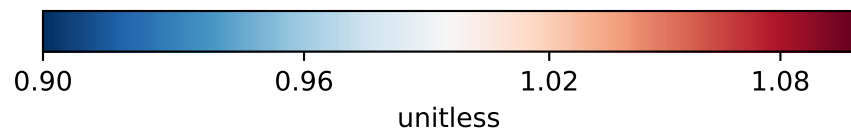
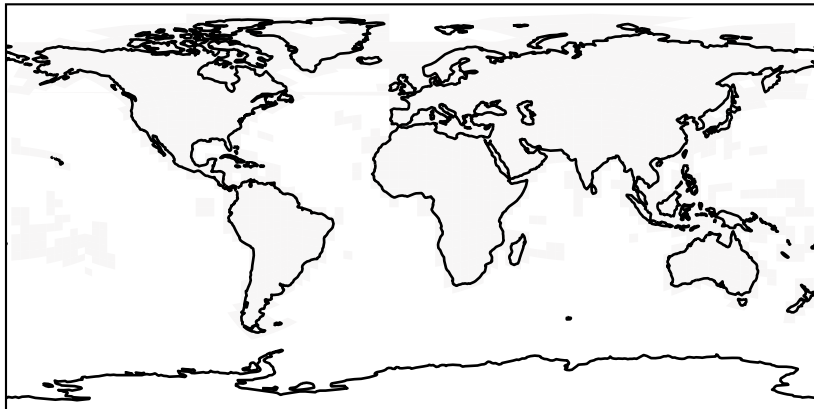
Difference
Dev - Ref, Dynamic Range



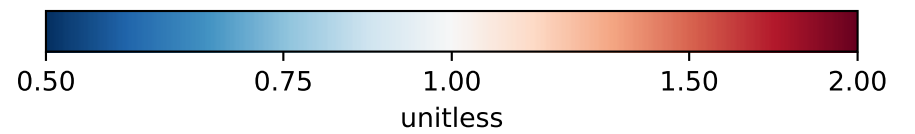
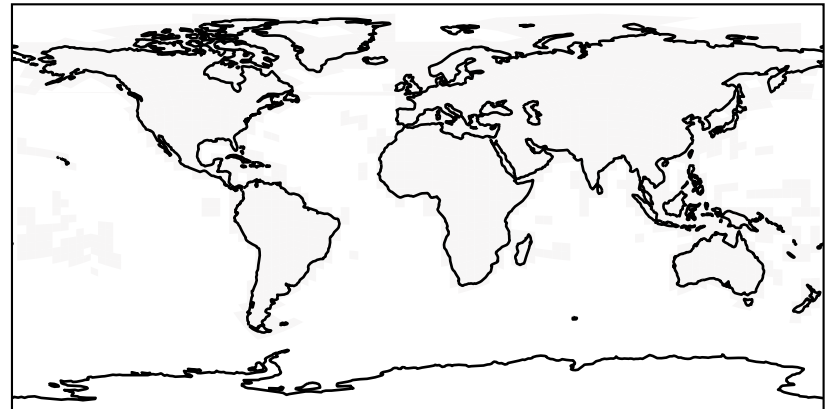
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

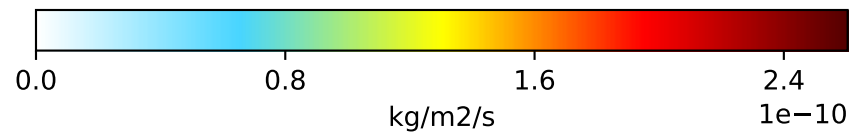
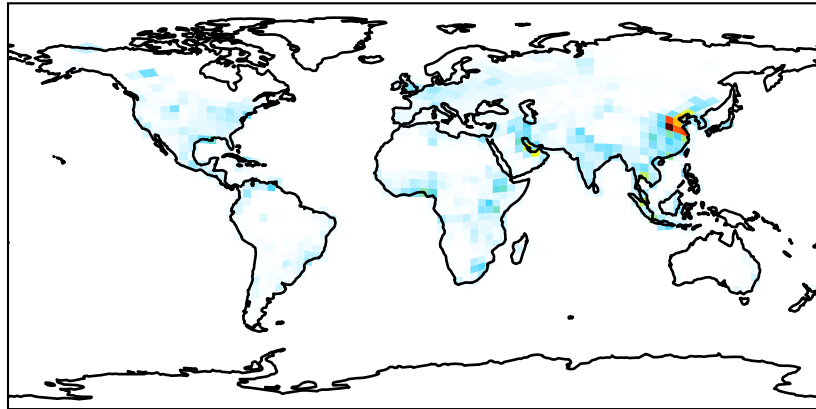


Ratio
Dev/Ref, Fixed Range

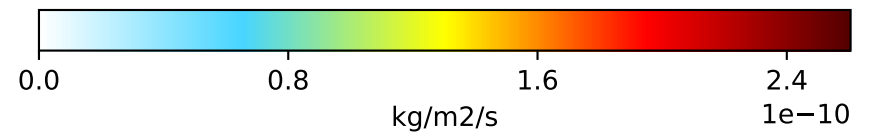
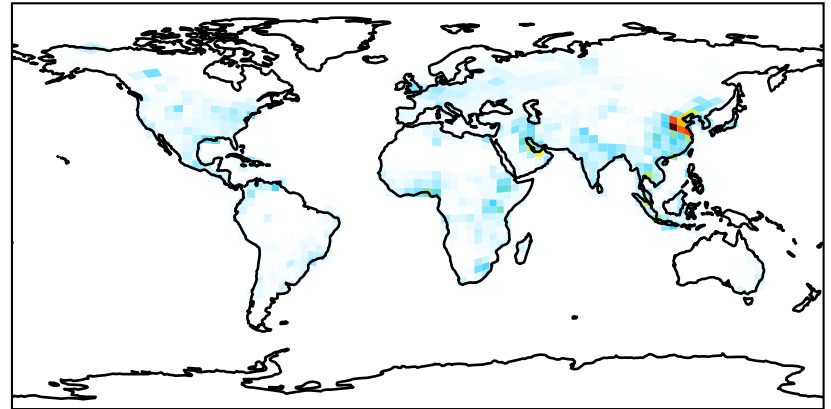


EmisALK4_Anthro

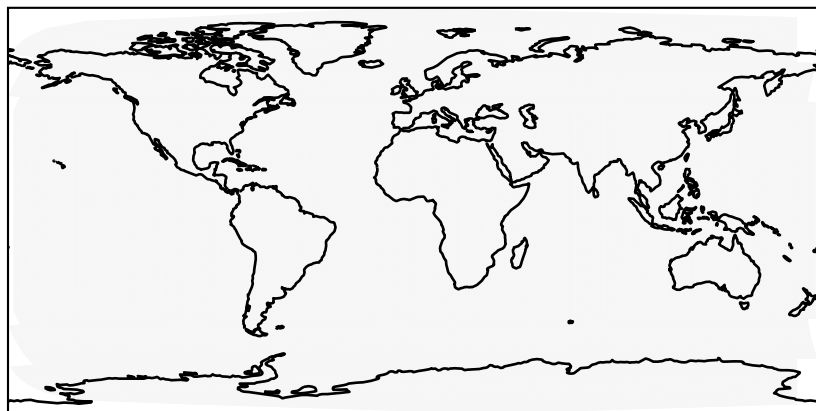
GCHP_14.2.0_MERRA2 (Ref)
c24



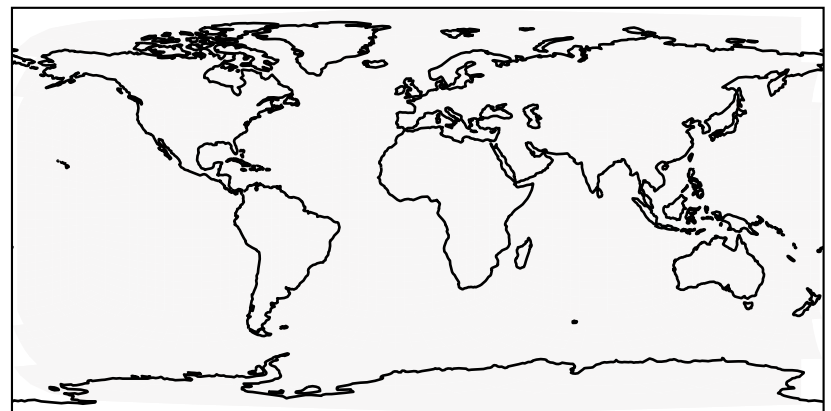
GCHP_14.2.0_GEOS-IT (Dev)
c24



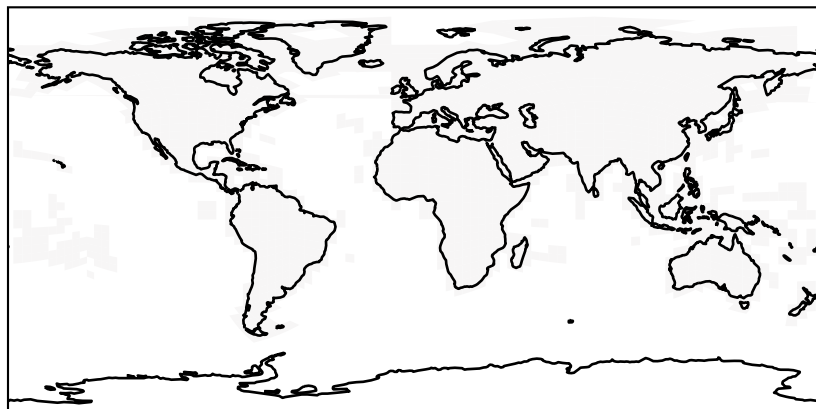
Difference
Dev - Ref, Dynamic Range



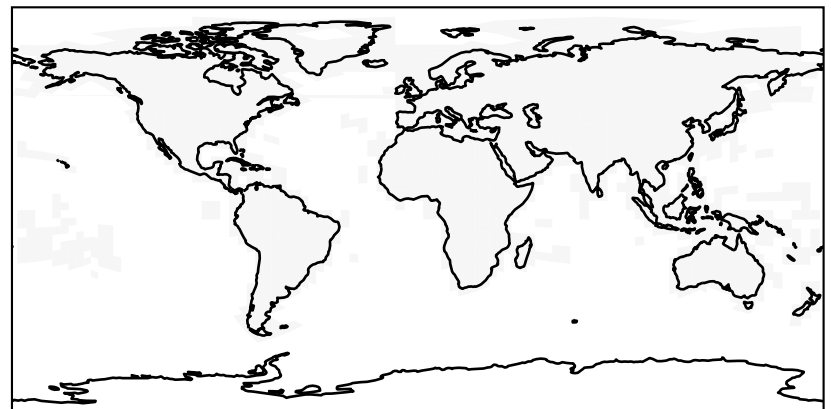
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

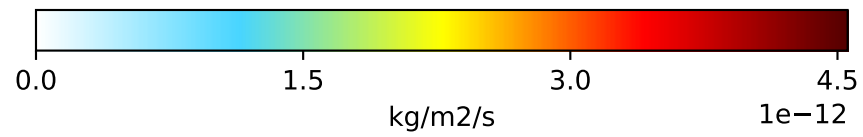
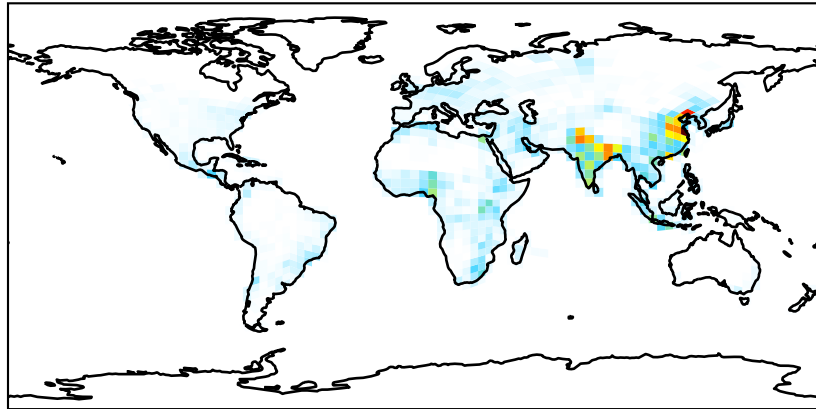


Ratio
Dev/Ref, Fixed Range

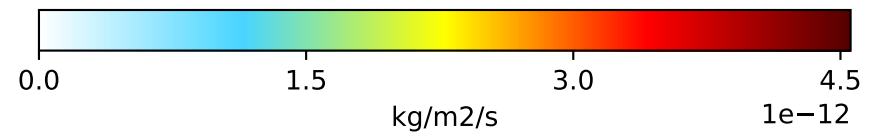
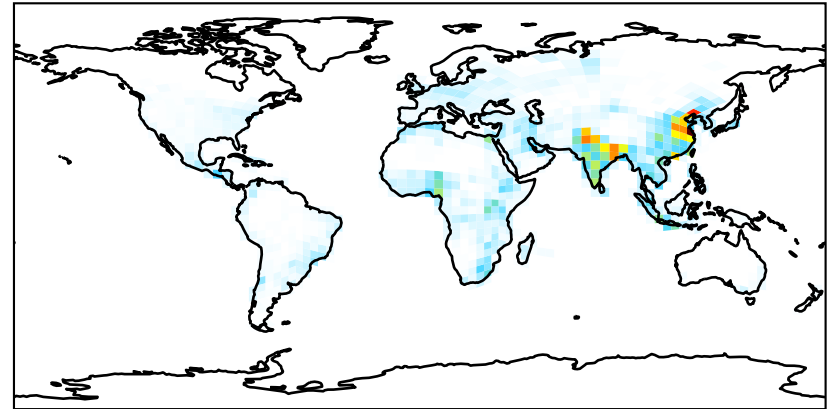


EmisBCPI_Anthro

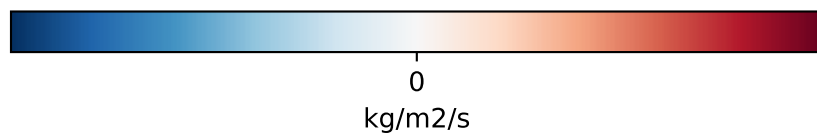
GCHP_14.2.0_MERRA2 (Ref)
c24



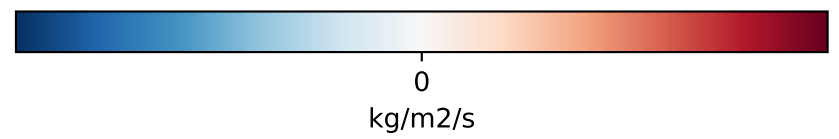
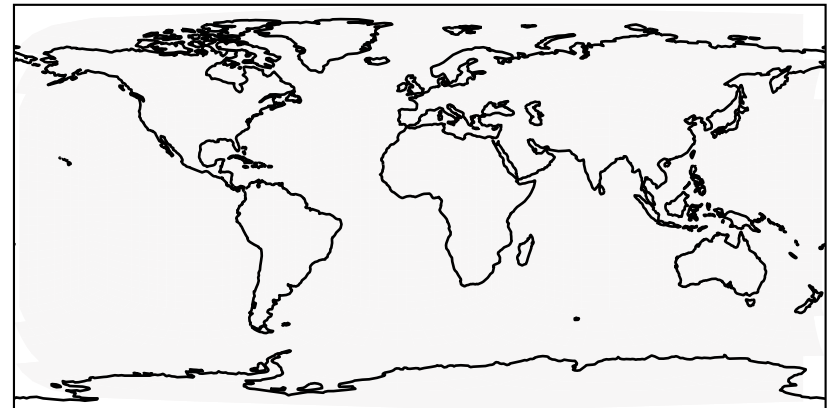
GCHP_14.2.0_GEOS-IT (Dev)
c24



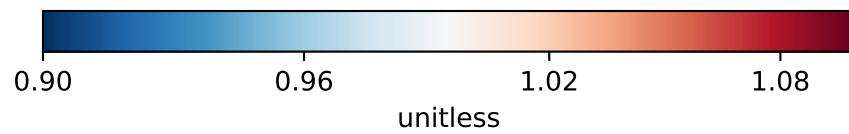
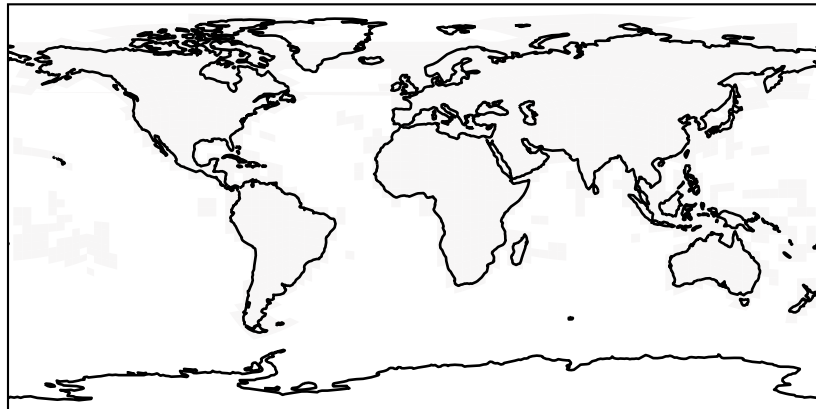
Difference
Dev - Ref, Dynamic Range



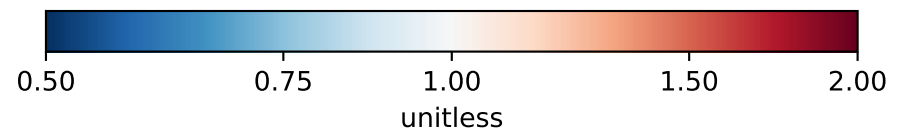
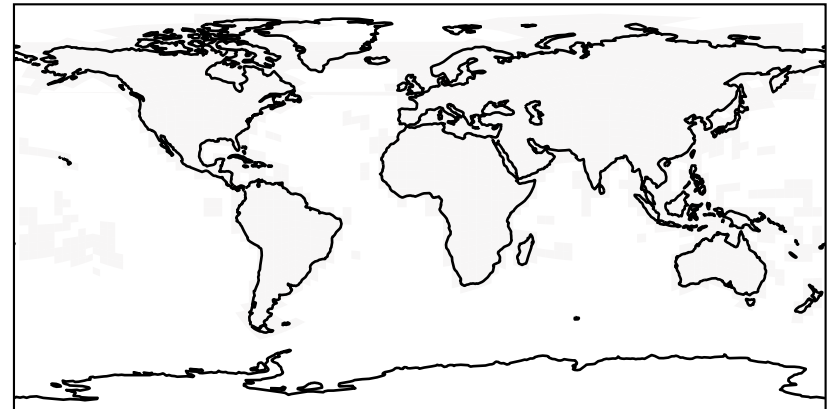
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

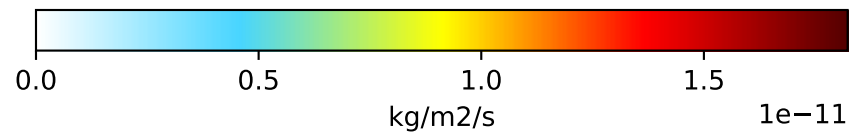
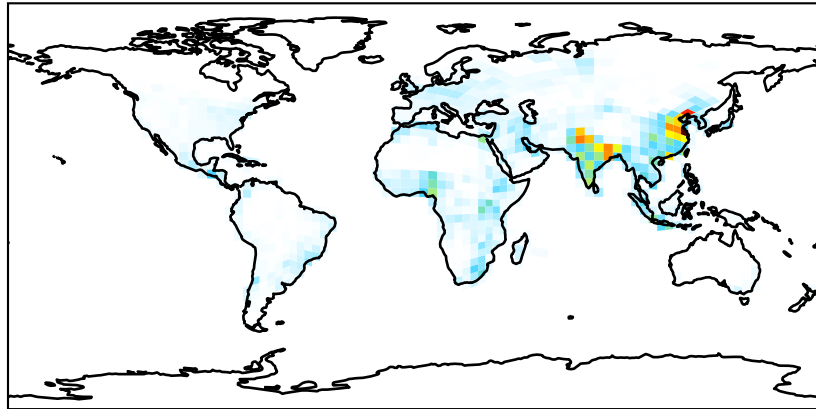


Ratio
Dev/Ref, Fixed Range

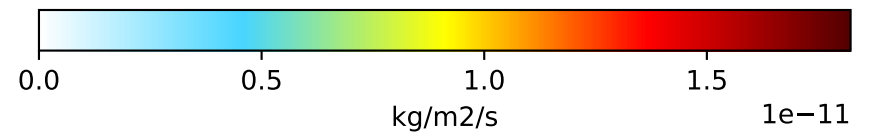
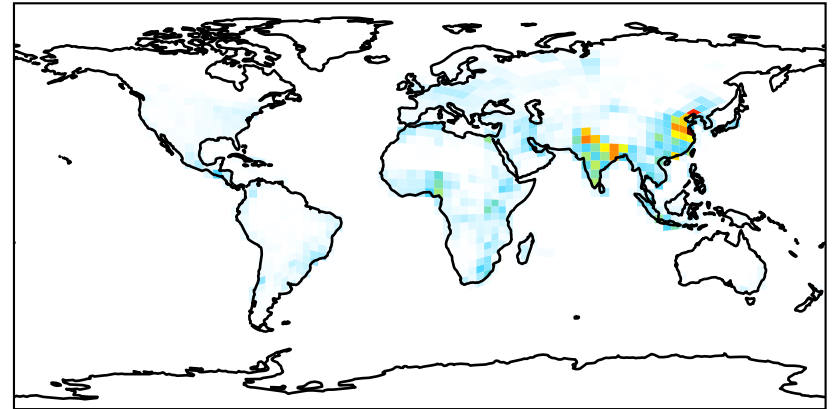


EmisBCPO_Anthro

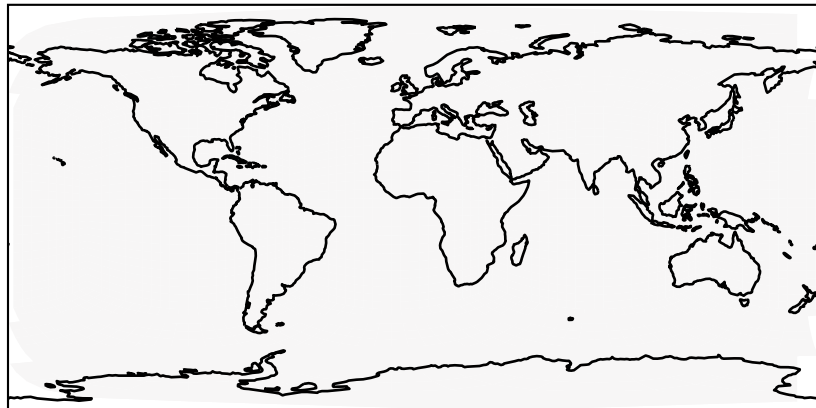
GCHP_14.2.0_MERRA2 (Ref)
c24



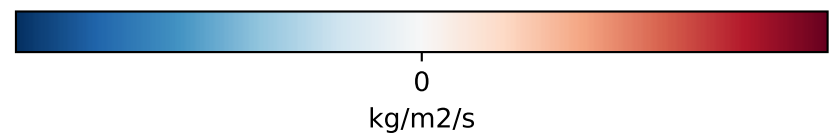
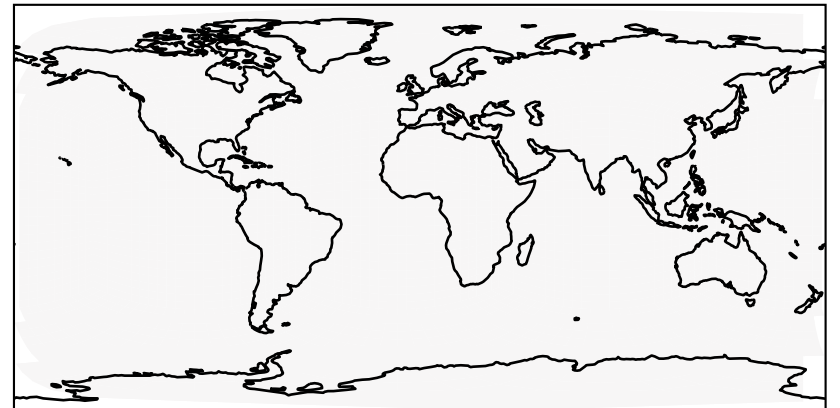
GCHP_14.2.0_GEOS-IT (Dev)
c24



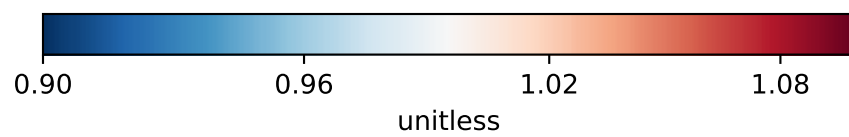
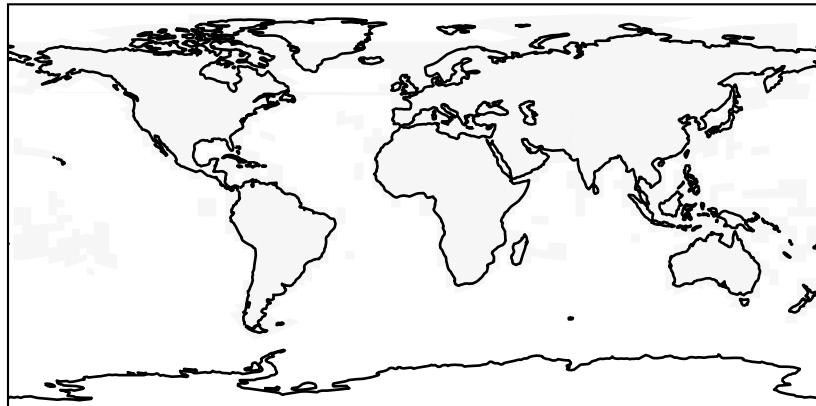
Difference
Dev - Ref, Dynamic Range



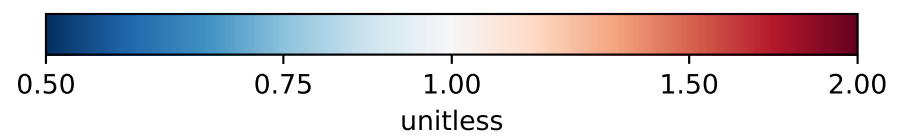
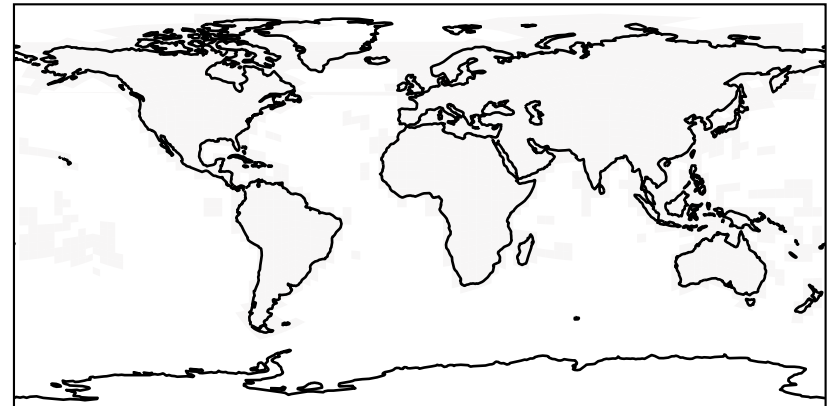
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

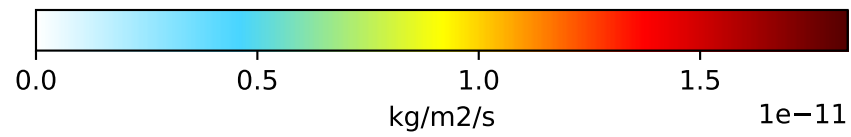
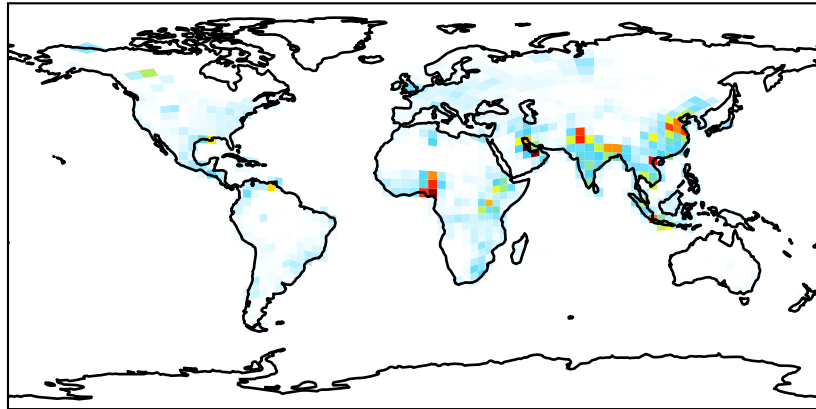


Ratio
Dev/Ref, Fixed Range

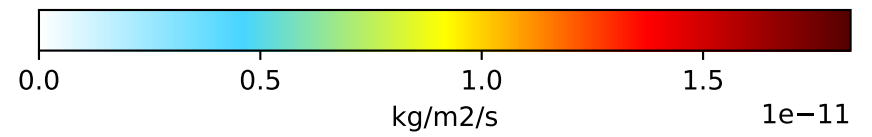
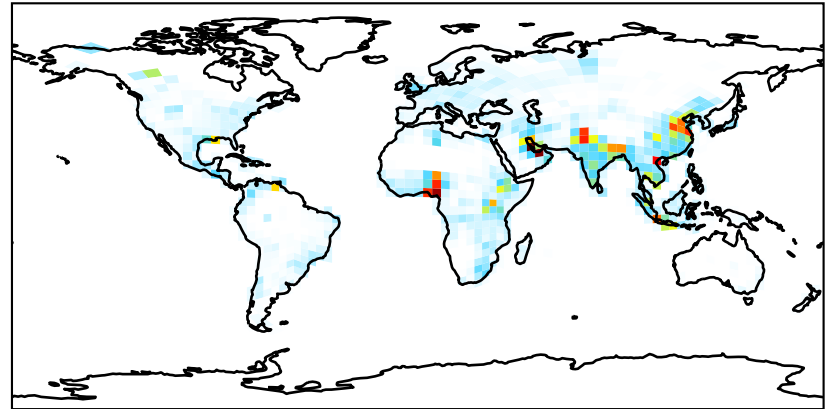


EmisBENZ_Anthro

GCHP_14.2.0_MERRA2 (Ref)
c24



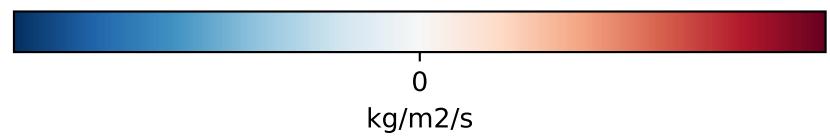
GCHP_14.2.0_GEOS-IT (Dev)
c24



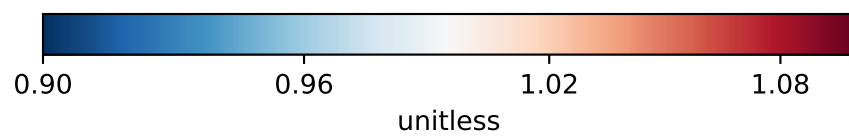
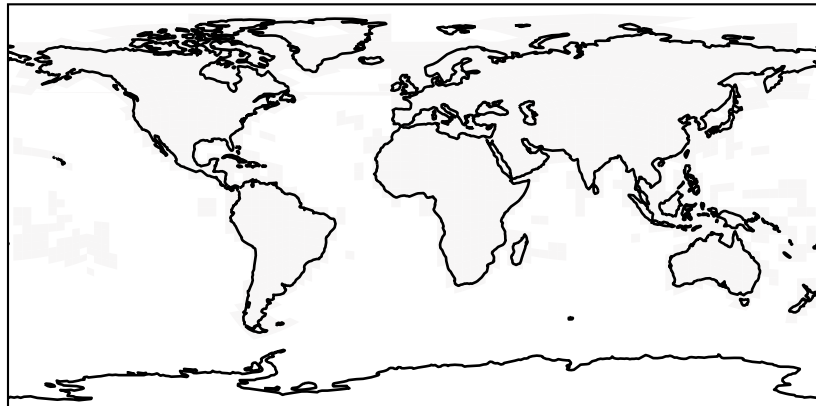
Difference
Dev - Ref, Dynamic Range



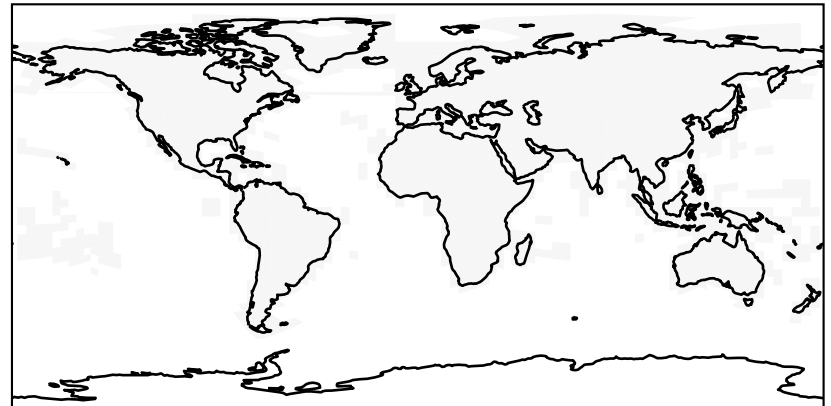
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

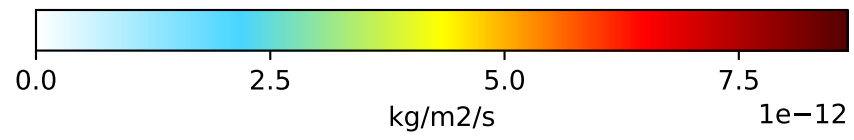
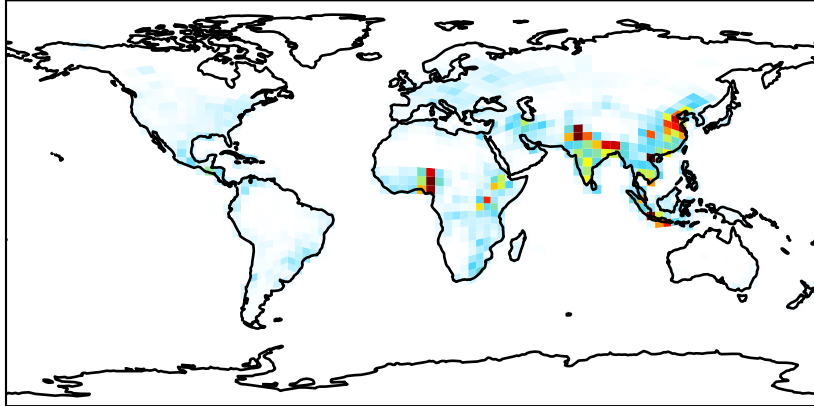


Ratio
Dev/Ref, Fixed Range

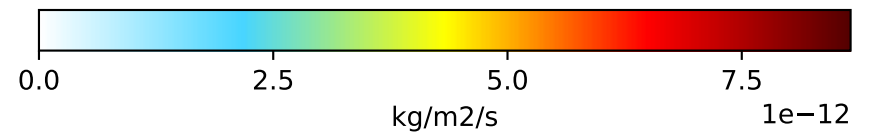
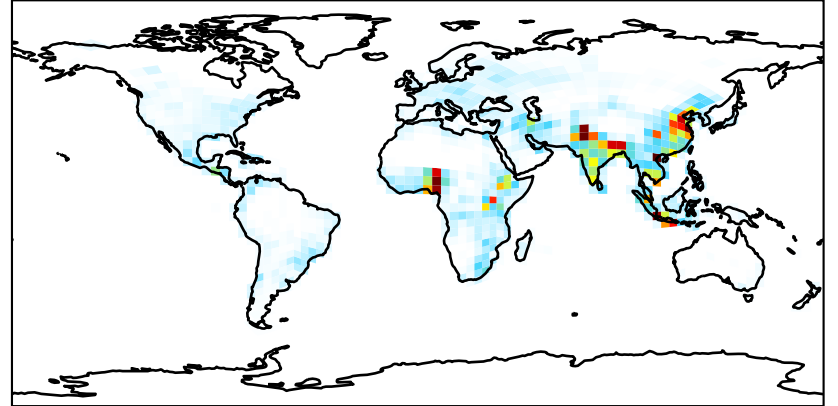


EmisC2H2_Anthro

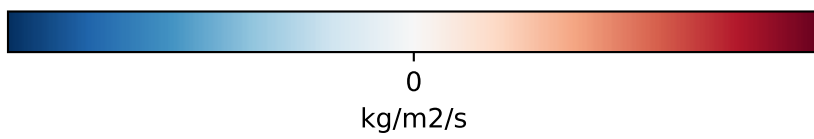
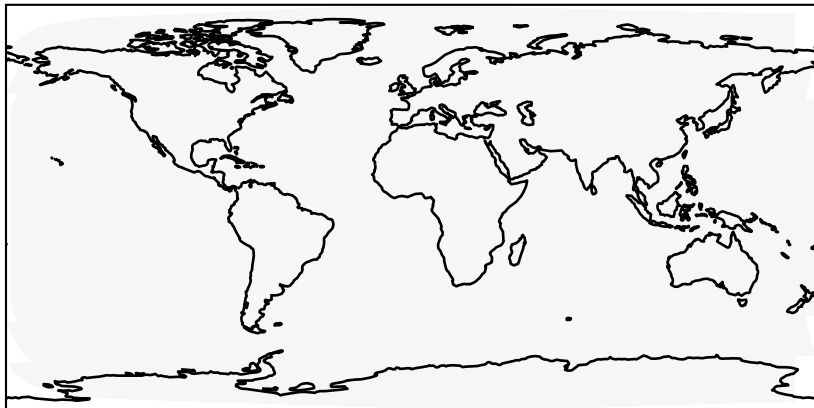
GCHP_14.2.0_MERRA2 (Ref)
c24



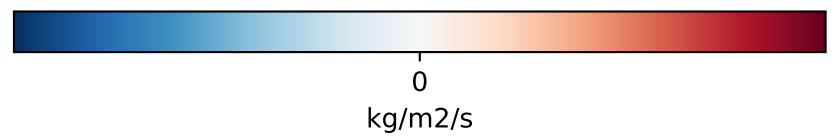
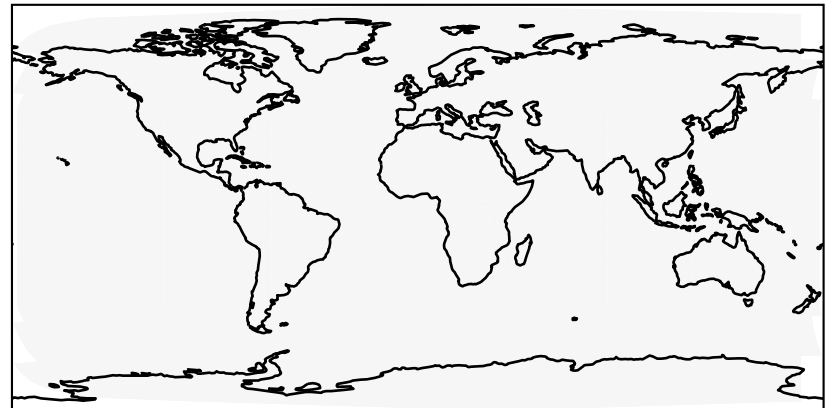
GCHP_14.2.0_GEOS-IT (Dev)
c24



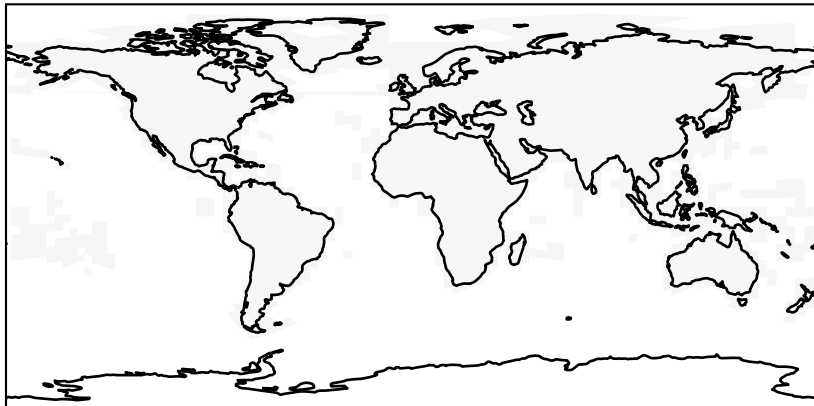
Difference
Dev - Ref, Dynamic Range



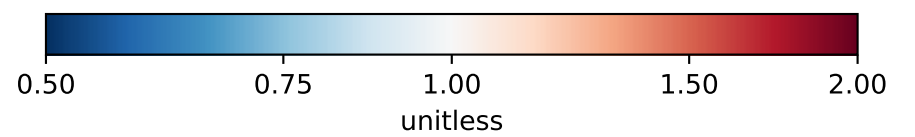
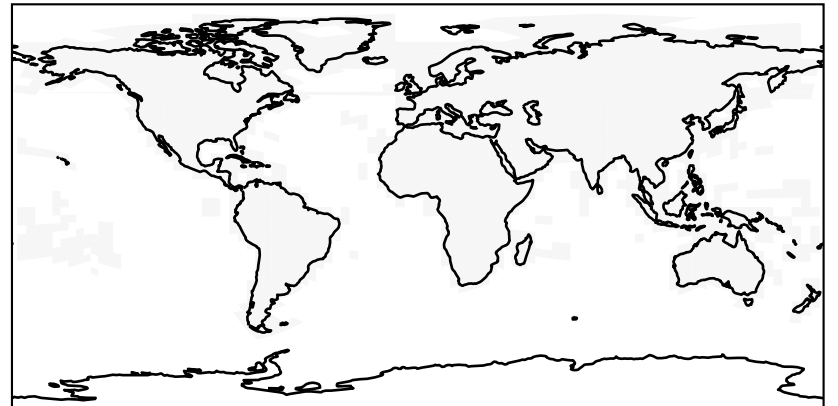
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

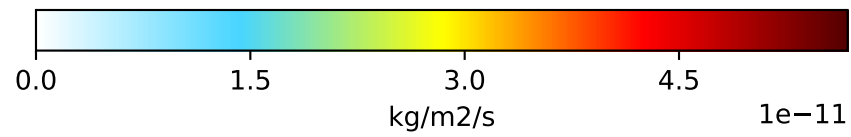
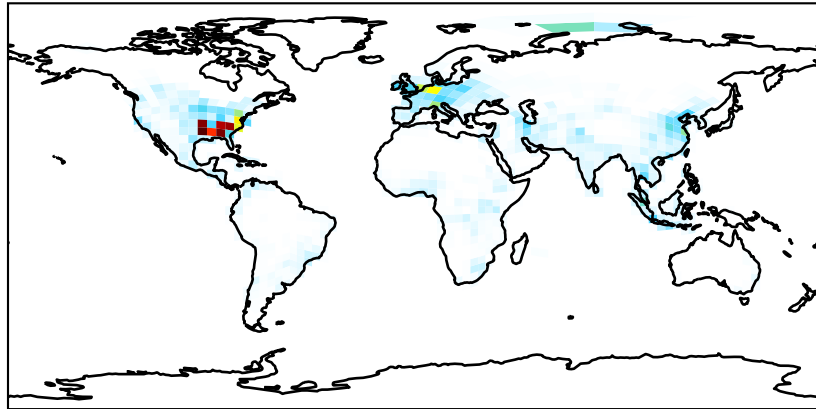


Ratio
Dev/Ref, Fixed Range

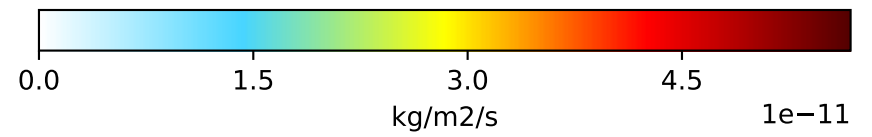
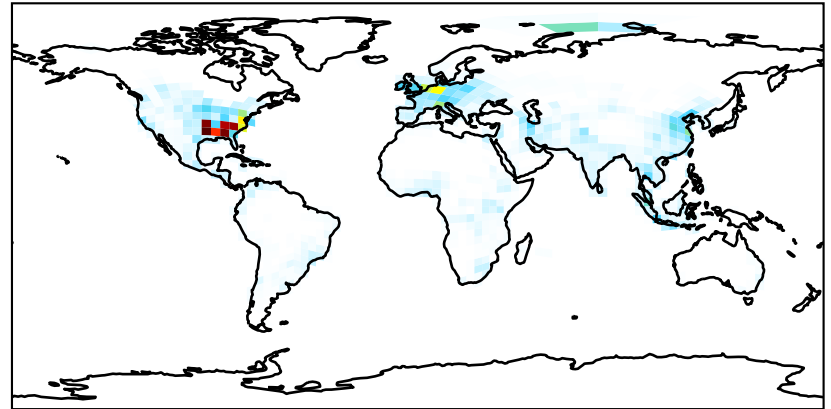


EmisC2H4_Anthro

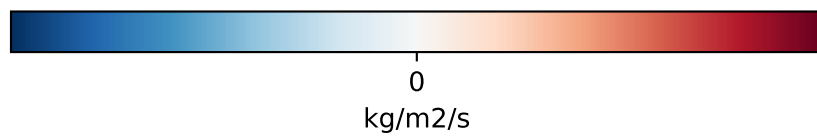
GCHP_14.2.0_MERRA2 (Ref)
c24



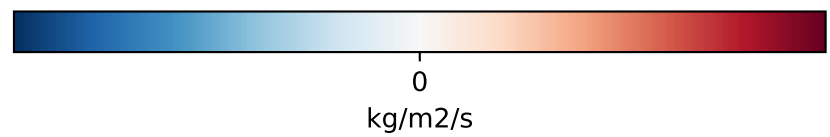
GCHP_14.2.0_GEOS-IT (Dev)
c24



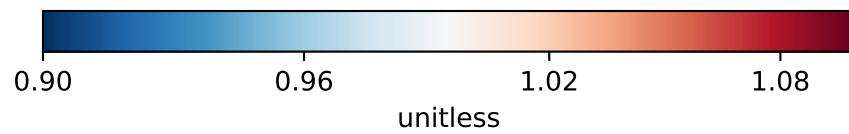
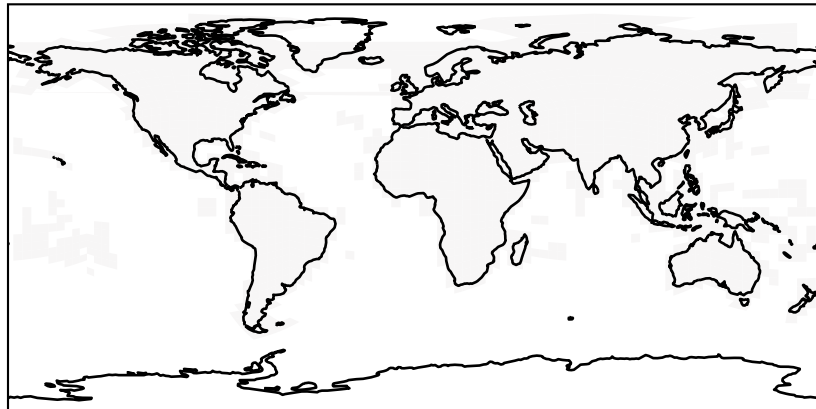
Difference
Dev - Ref, Dynamic Range



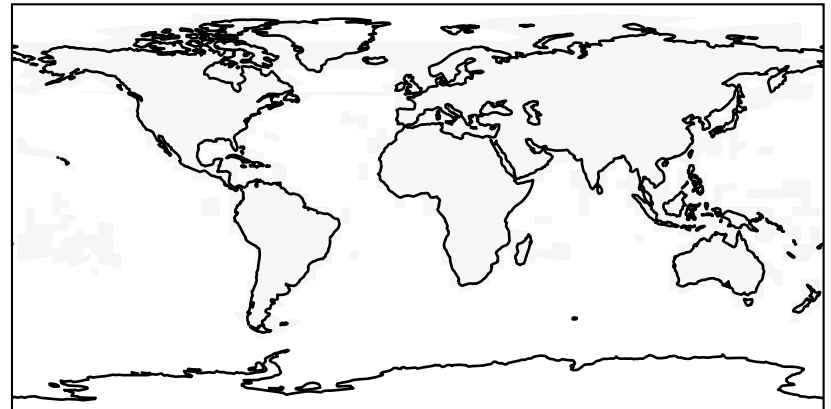
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

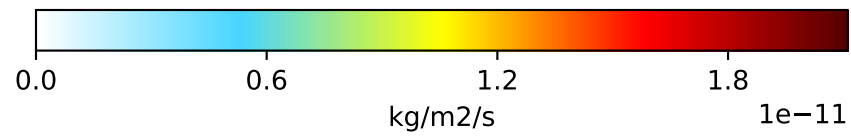
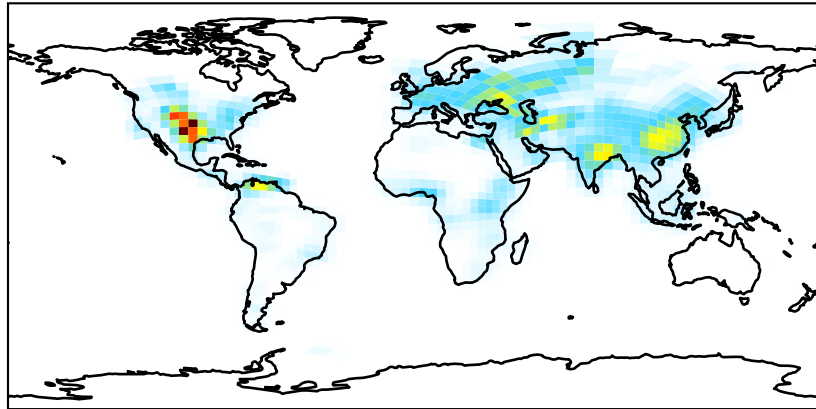


Ratio
Dev/Ref, Fixed Range

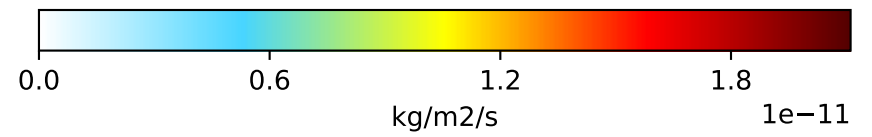
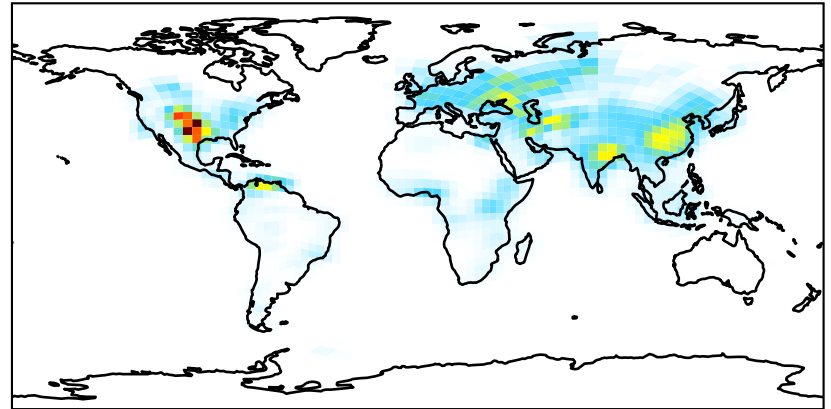


EmisC2H6_Anthro

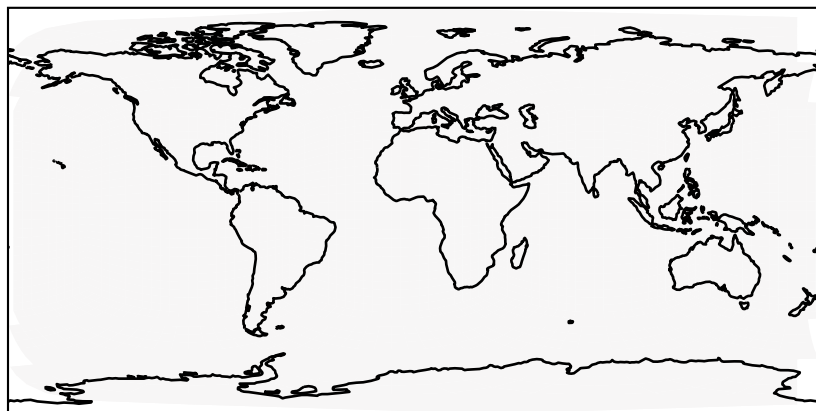
GCHP_14.2.0_MERRA2 (Ref)
c24



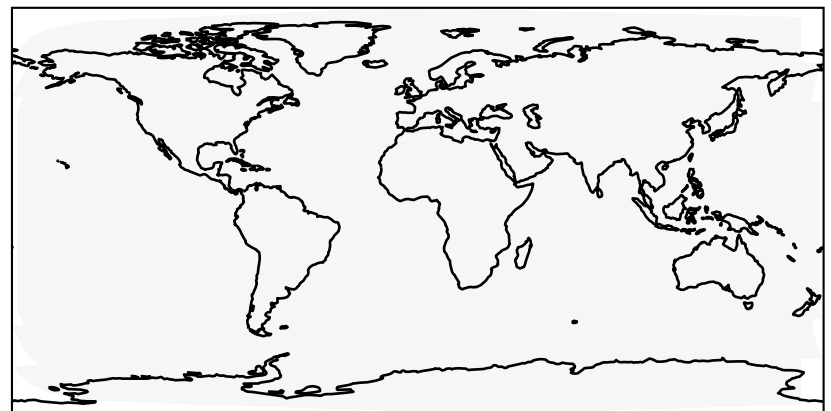
GCHP_14.2.0_GEOS-IT (Dev)
c24



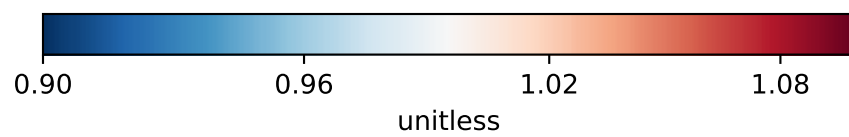
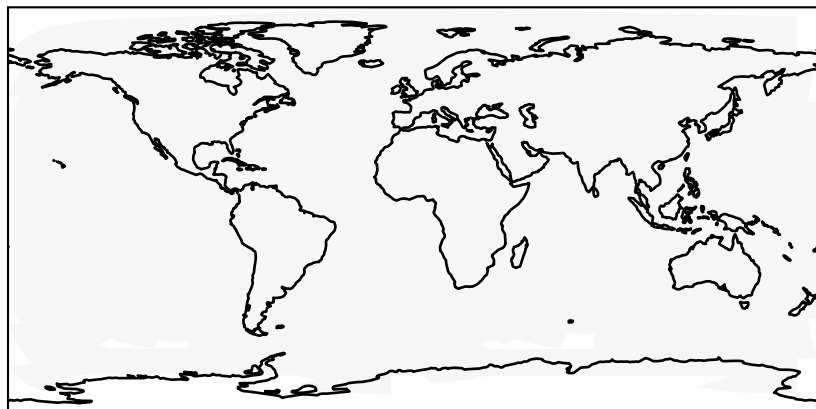
Difference
Dev - Ref, Dynamic Range



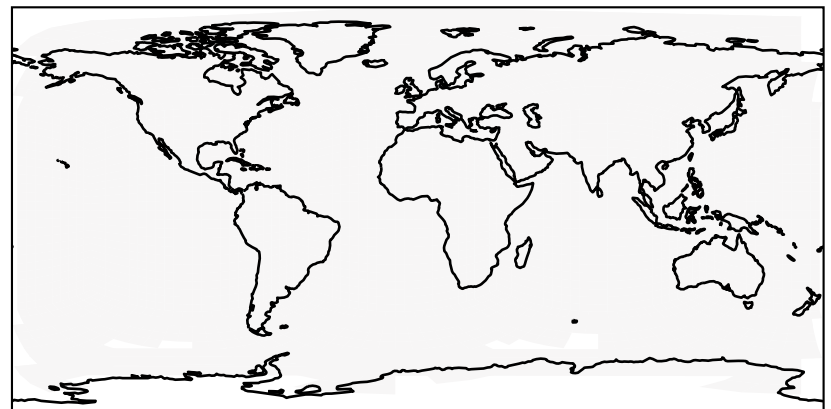
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

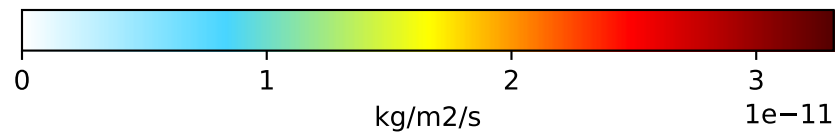
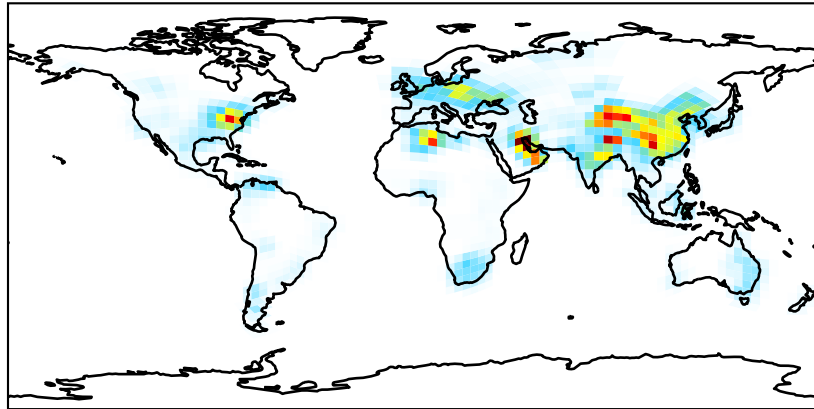


Ratio
Dev/Ref, Fixed Range

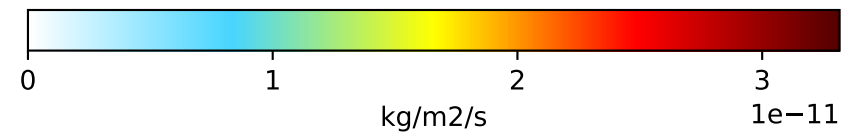
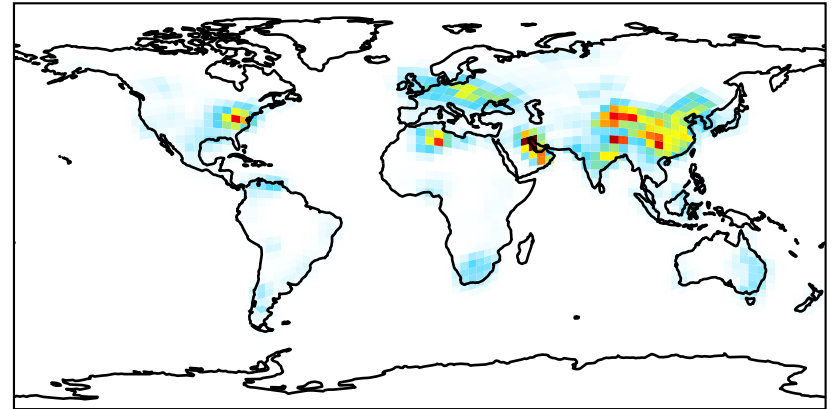


EmisC3H8_Anthro

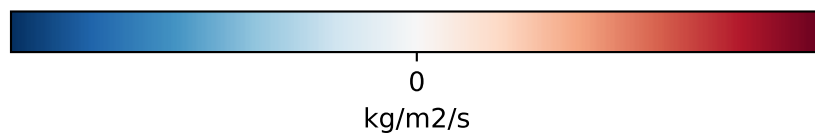
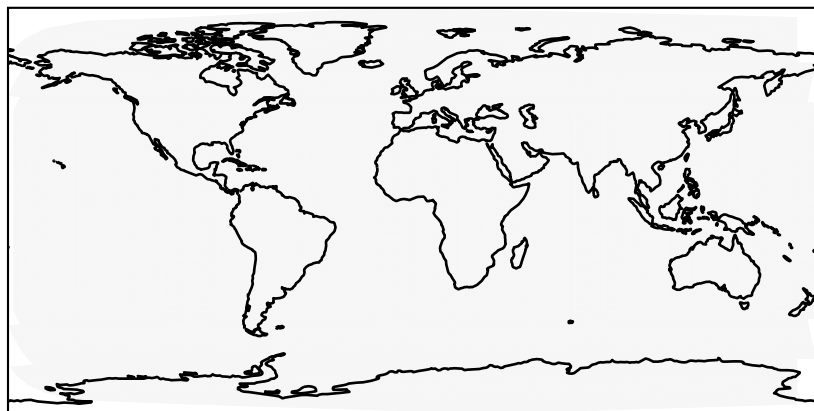
GCHP_14.2.0_MERRA2 (Ref)
c24



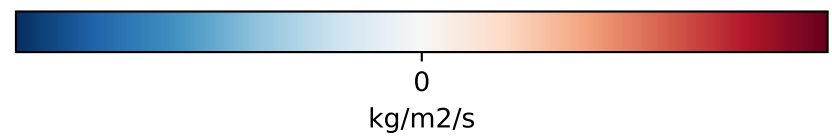
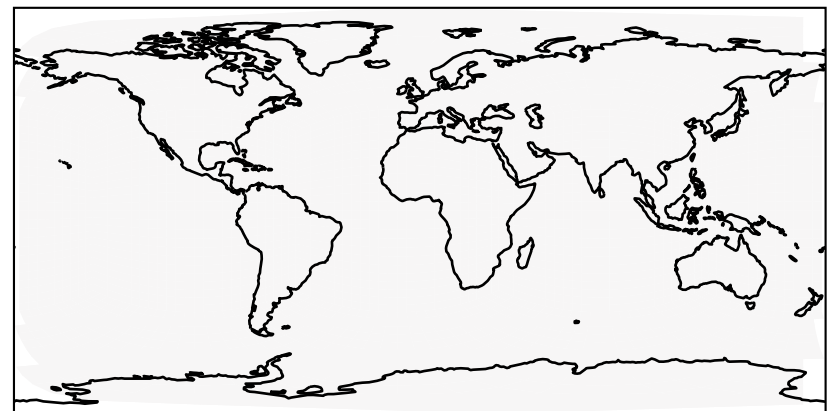
GCHP_14.2.0_GEOS-IT (Dev)
c24



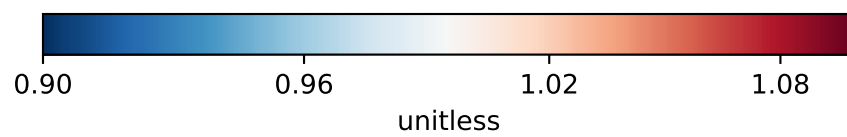
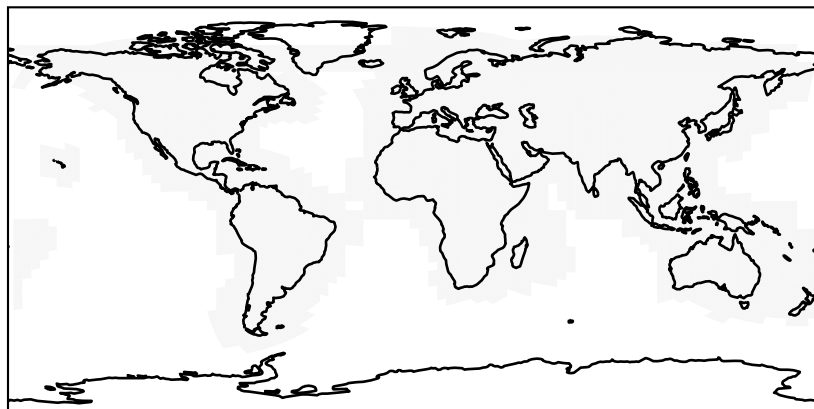
Difference
Dev - Ref, Dynamic Range



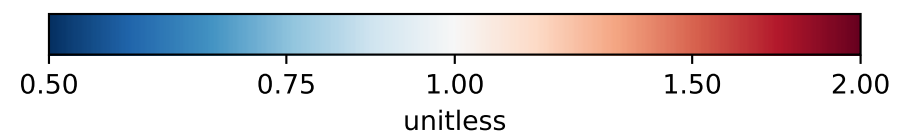
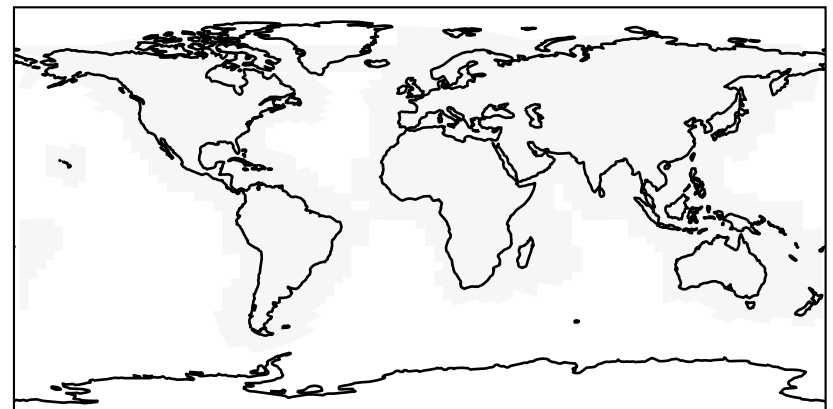
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

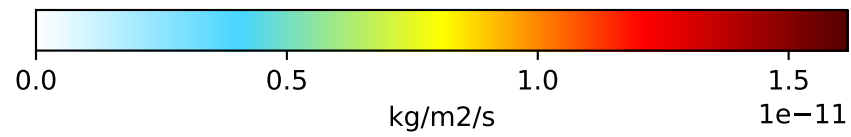
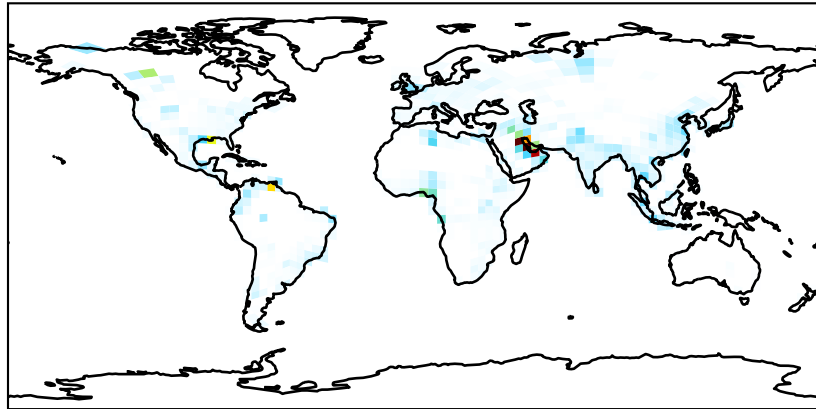


Ratio
Dev/Ref, Fixed Range

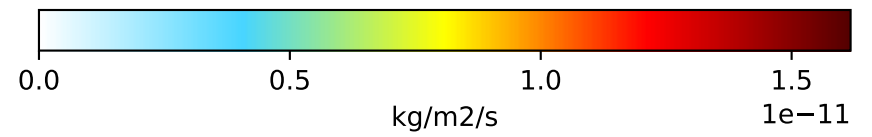
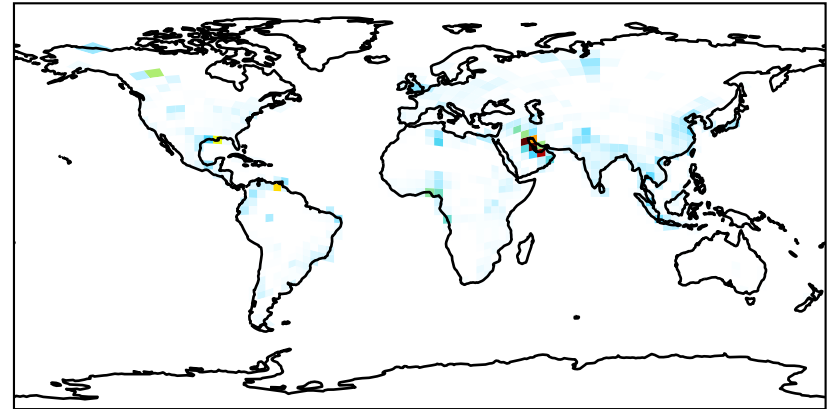


EmisCH2O_Anthro

GCHP_14.2.0_MERRA2 (Ref)
c24



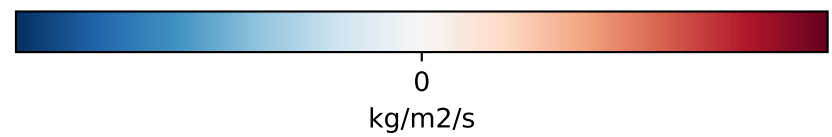
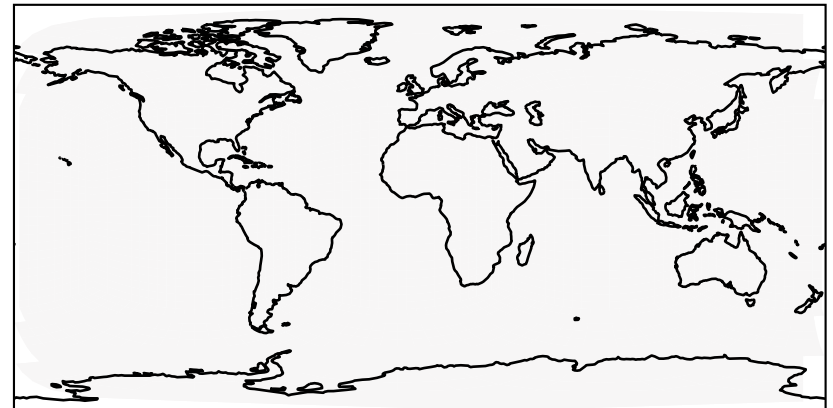
GCHP_14.2.0_GEOS-IT (Dev)
c24



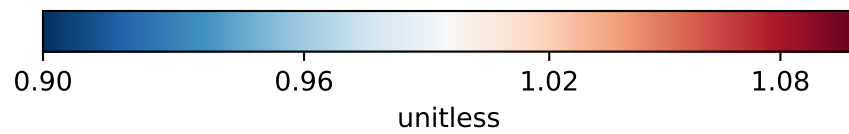
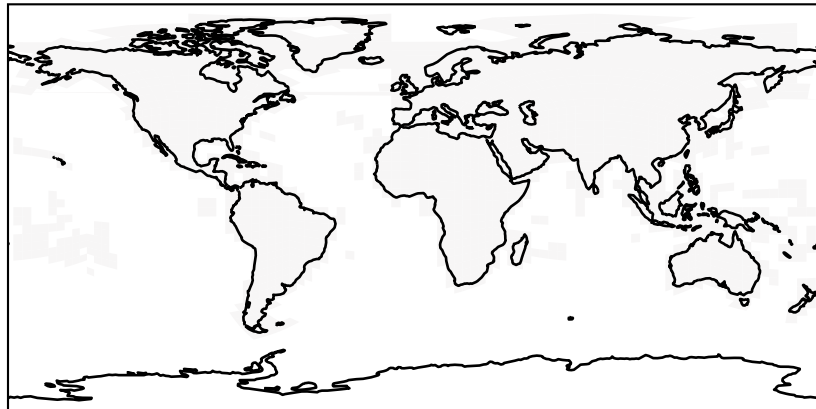
Difference
Dev - Ref, Dynamic Range



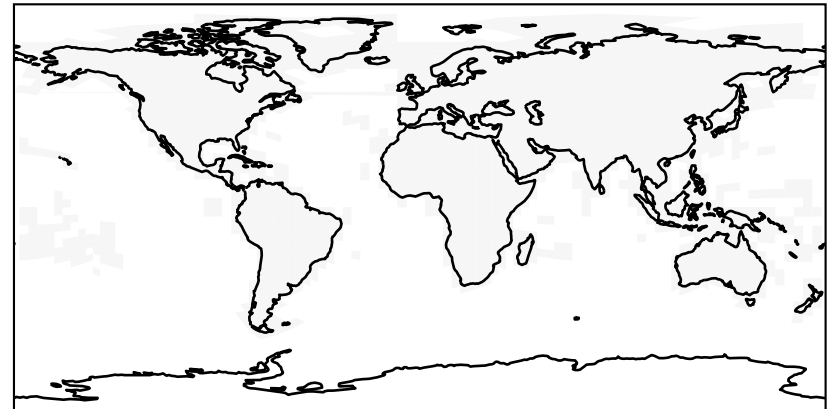
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

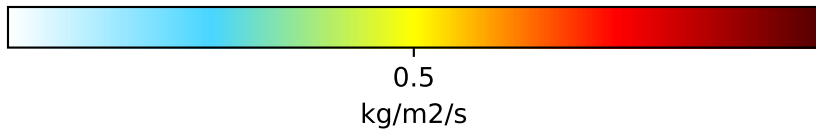
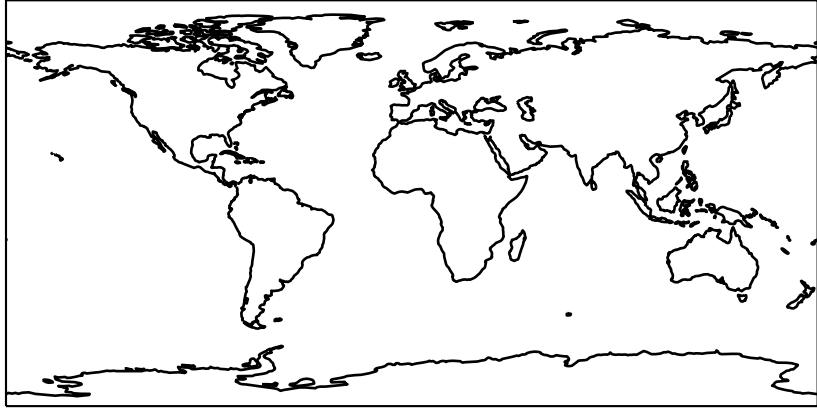


Ratio
Dev/Ref, Fixed Range

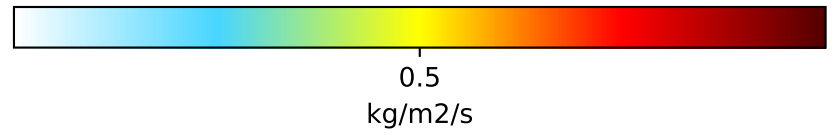
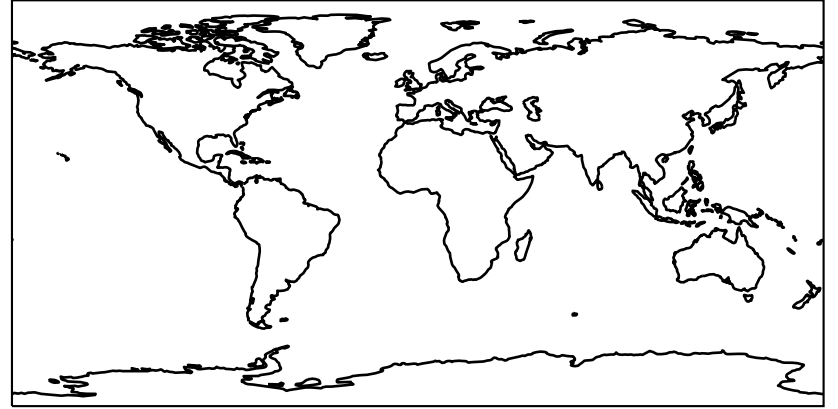


EmisCO2_Anthro

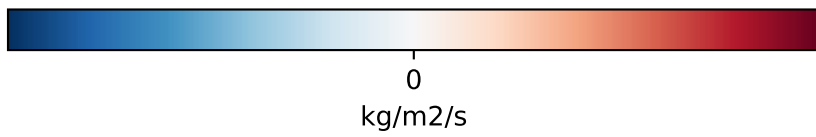
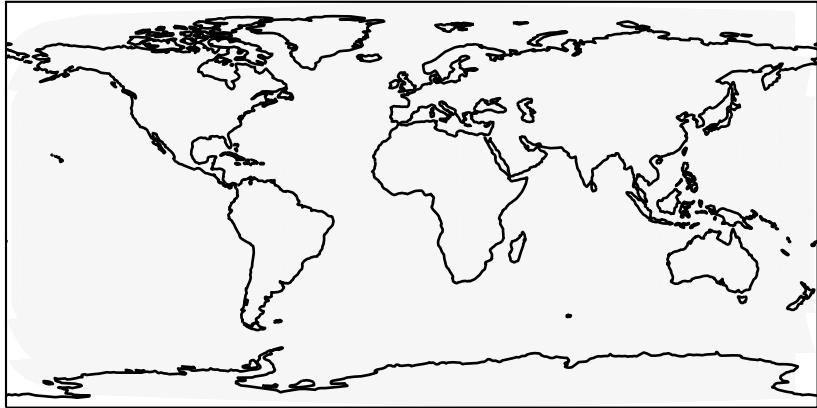
GCHP_14.2.0_MERRA2 (Ref)
c24



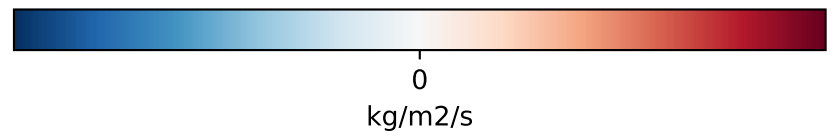
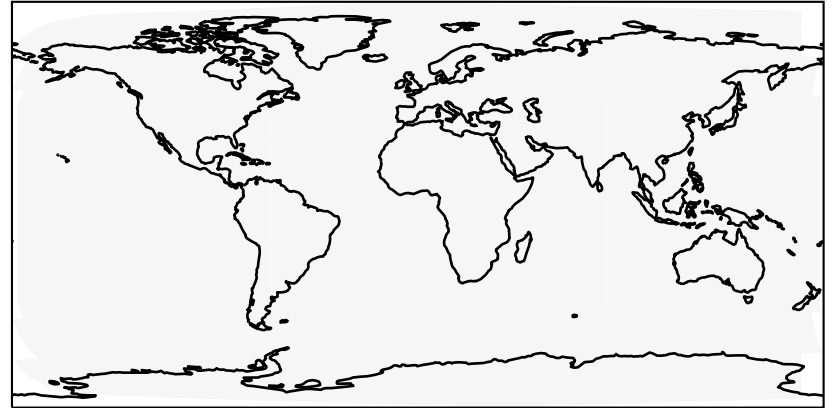
GCHP_14.2.0_GEOS-IT (Dev)
c24



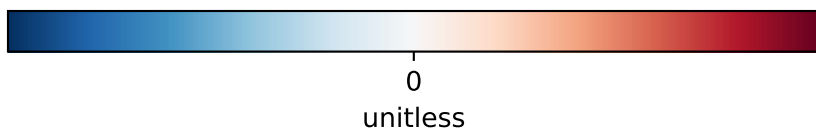
Difference
Dev - Ref, Dynamic Range



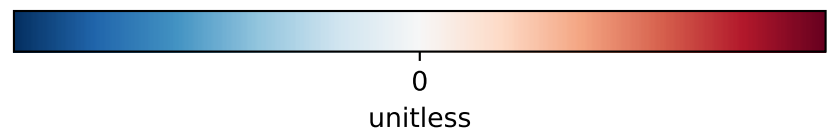
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

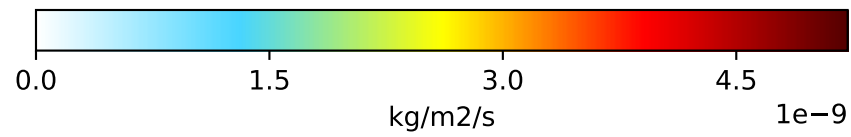
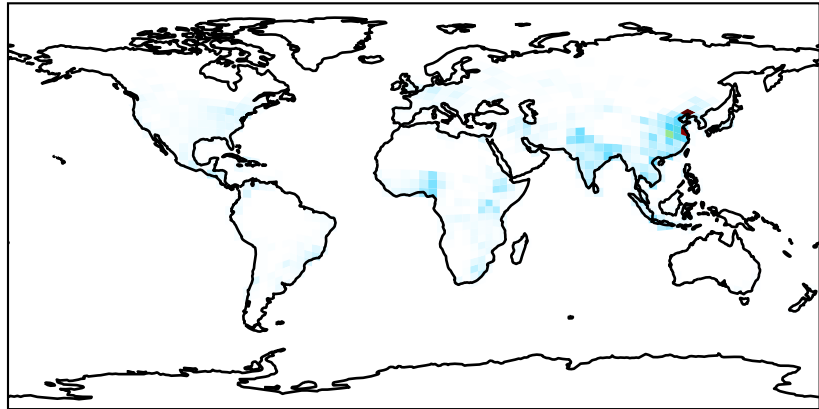


Ratio
Dev/Ref, Fixed Range

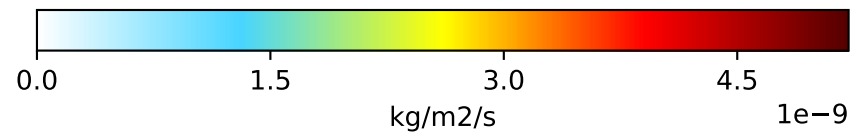
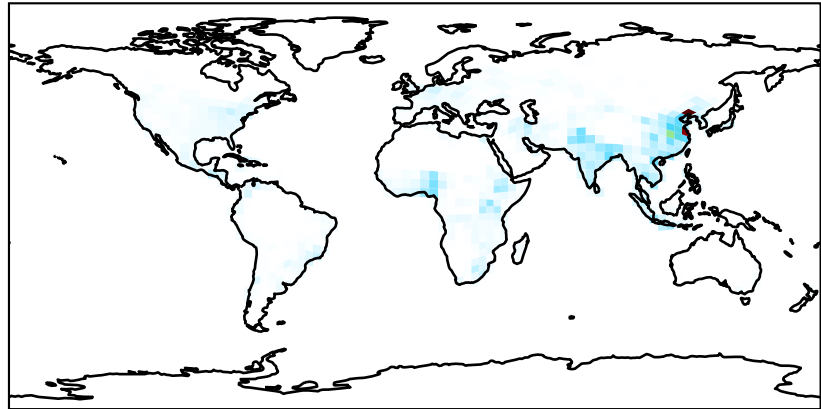


EmisCO_Anthro

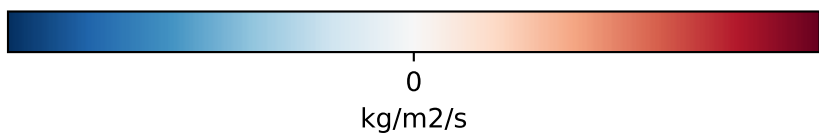
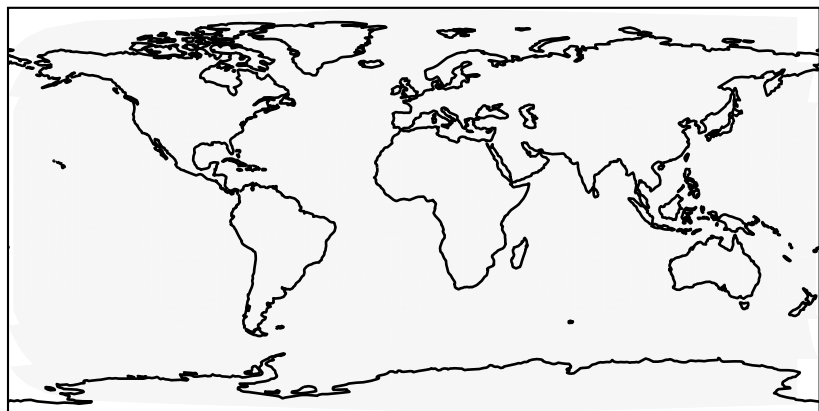
GCHP_14.2.0_MERRA2 (Ref)
c24



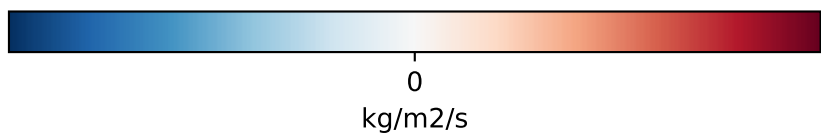
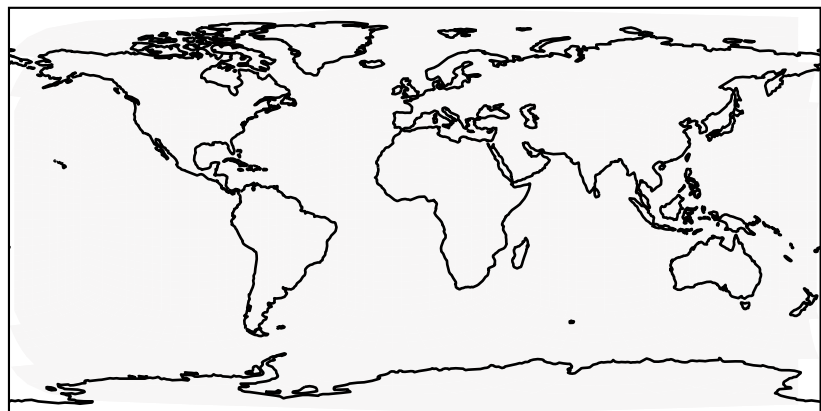
GCHP_14.2.0_GEOS-IT (Dev)
c24



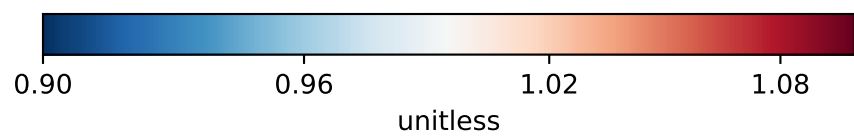
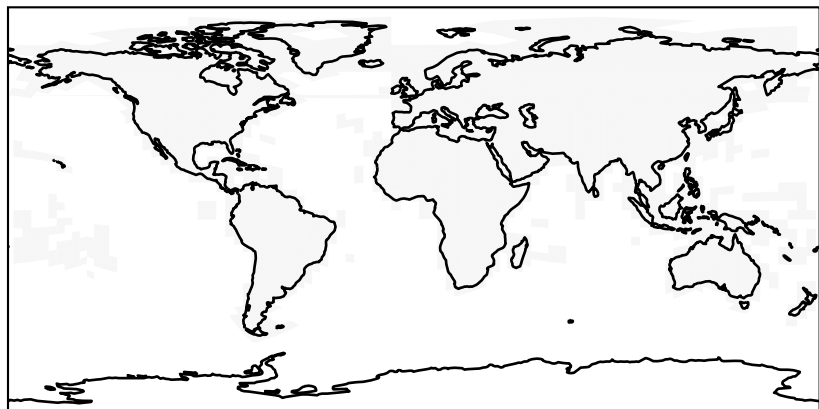
Difference
Dev - Ref, Dynamic Range



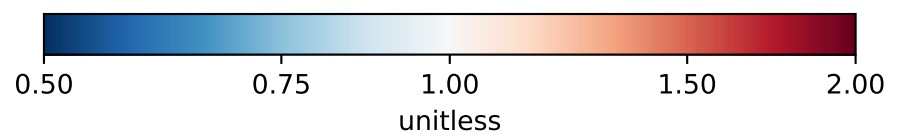
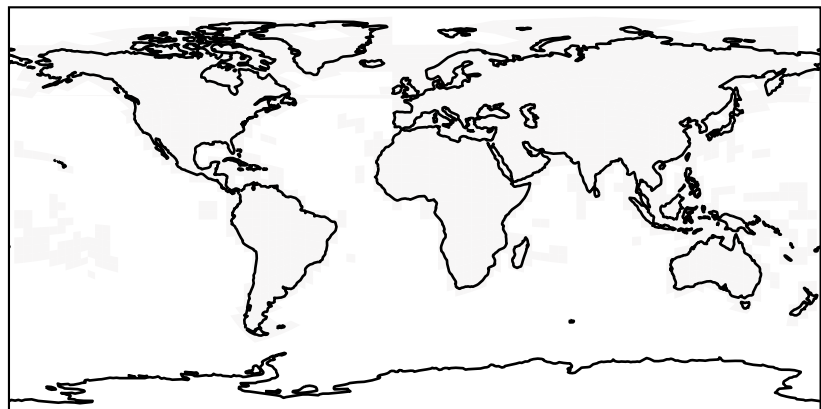
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

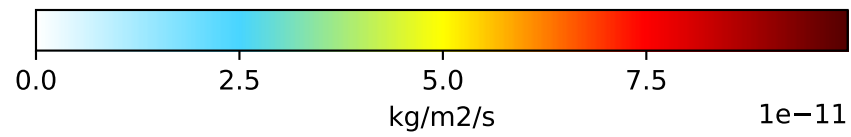
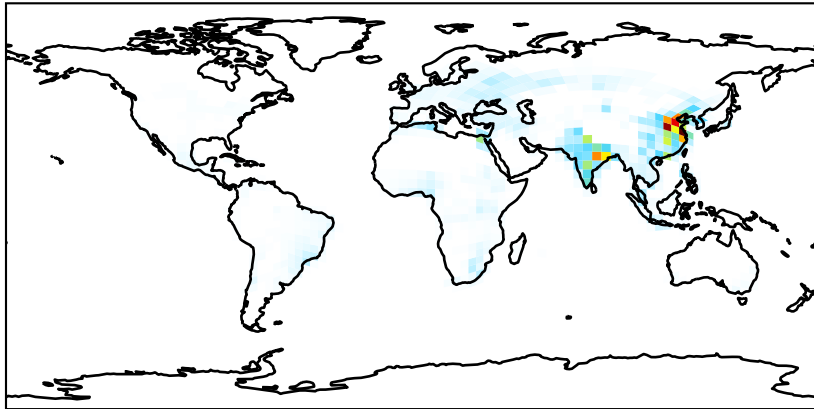


Ratio
Dev/Ref, Fixed Range

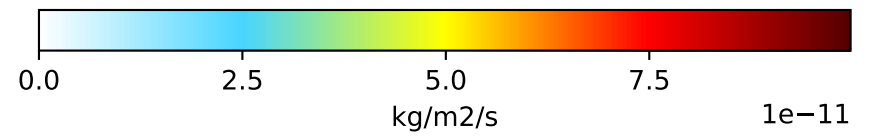
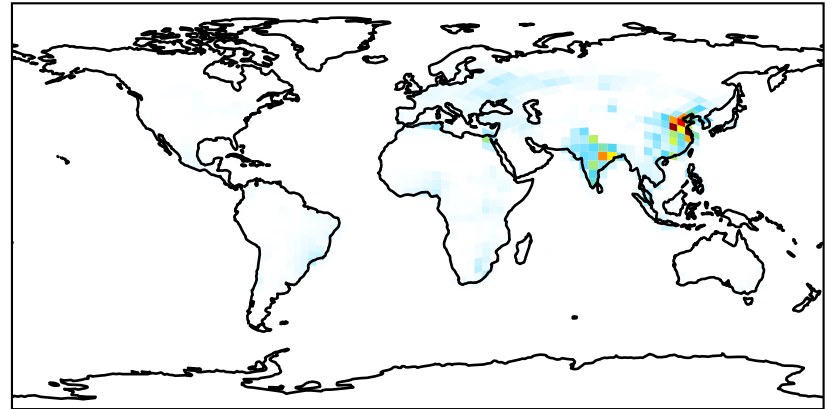


EmisDST1_Anthro

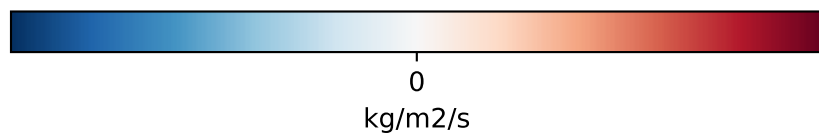
GCHP_14.2.0_MERRA2 (Ref)
c24



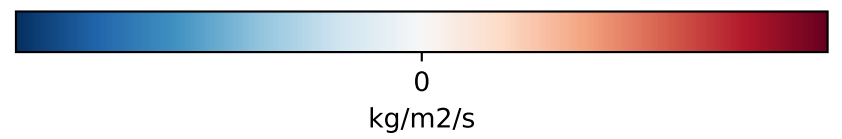
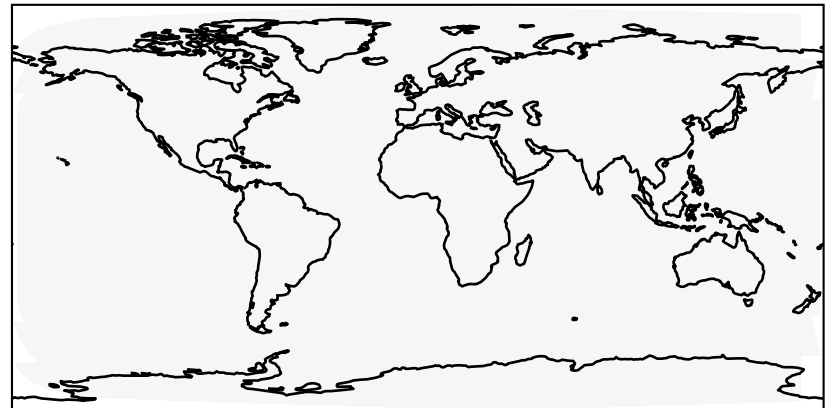
GCHP_14.2.0_GEOS-IT (Dev)
c24



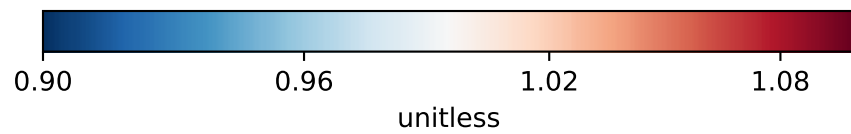
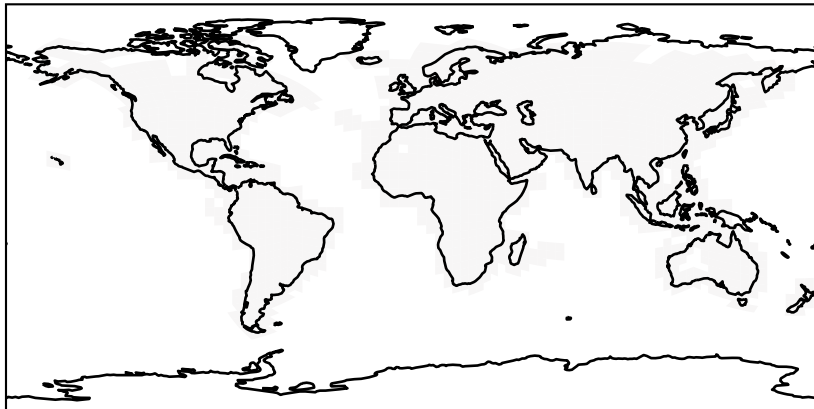
Difference
Dev - Ref, Dynamic Range



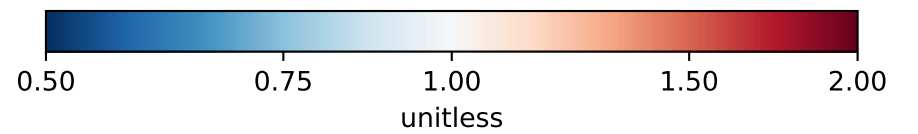
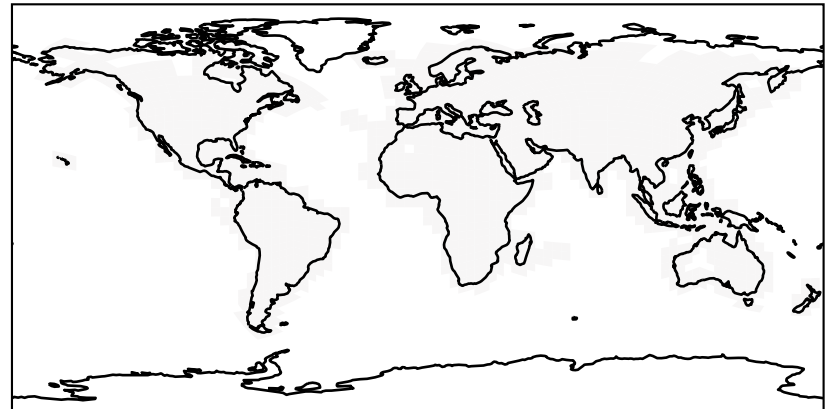
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

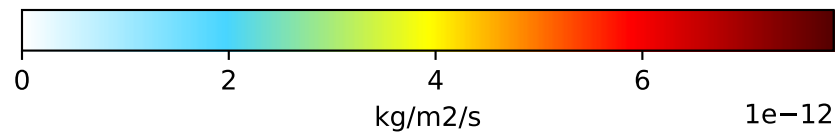
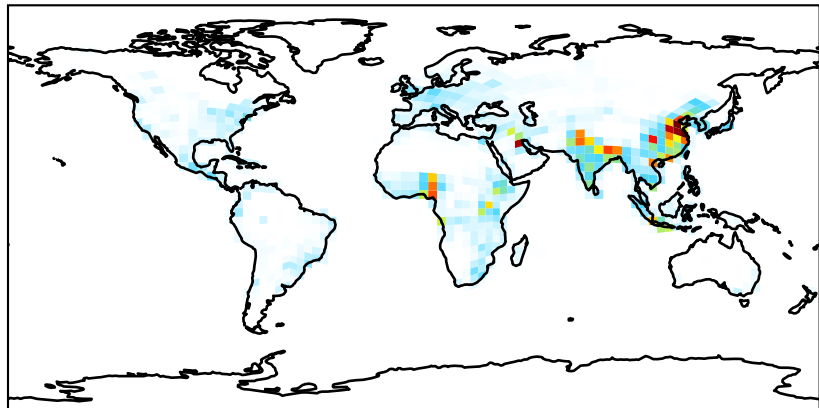


Ratio
Dev/Ref, Fixed Range

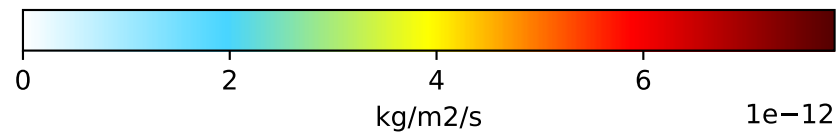
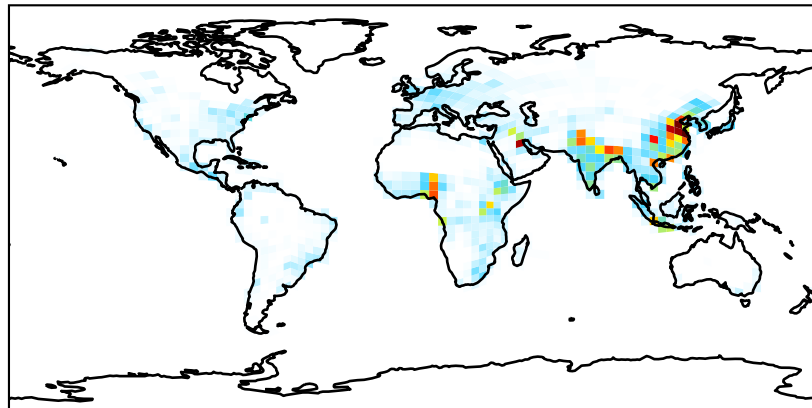


EmisEOH_Anthro

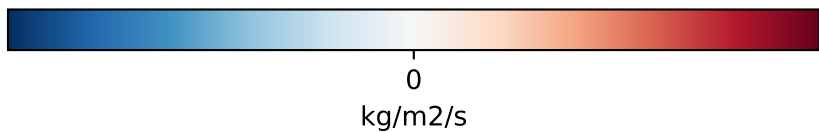
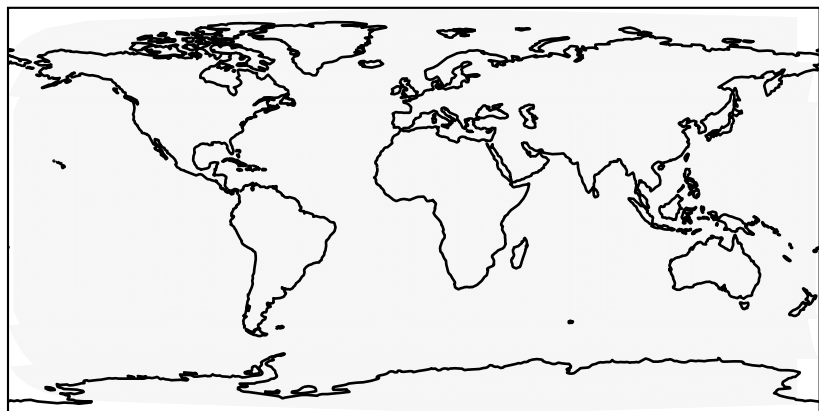
GCHP_14.2.0_MERRA2 (Ref)
c24



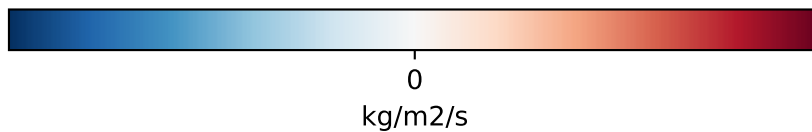
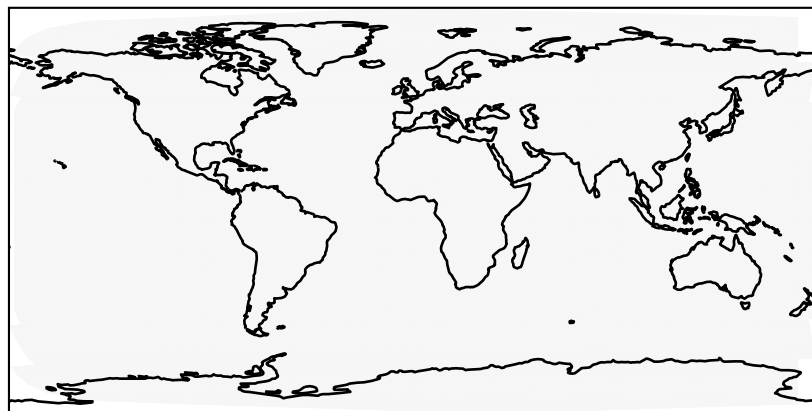
GCHP_14.2.0_GEOS-IT (Dev)
c24



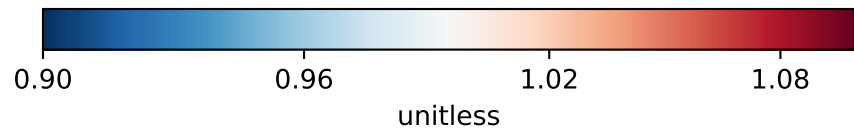
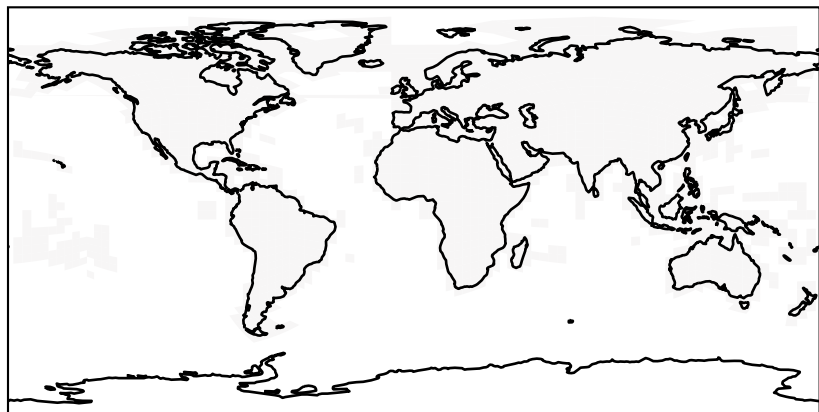
Difference
Dev - Ref, Dynamic Range



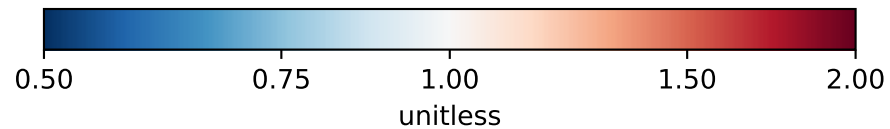
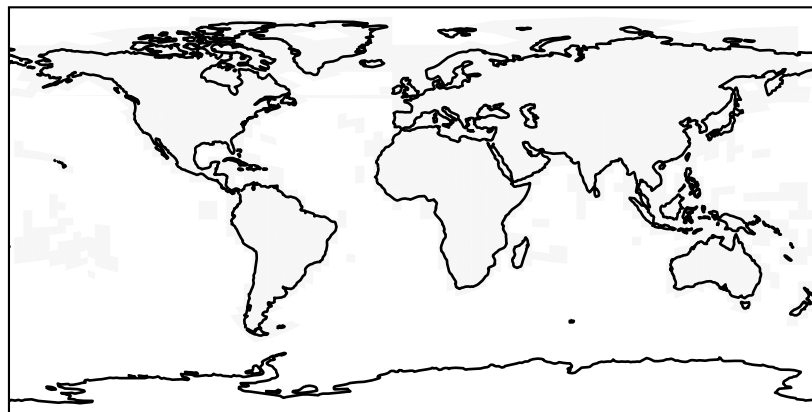
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

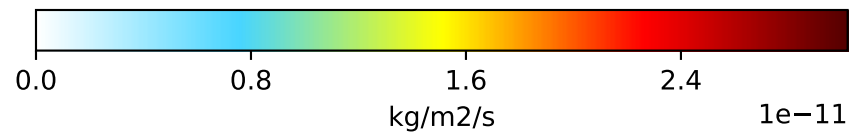
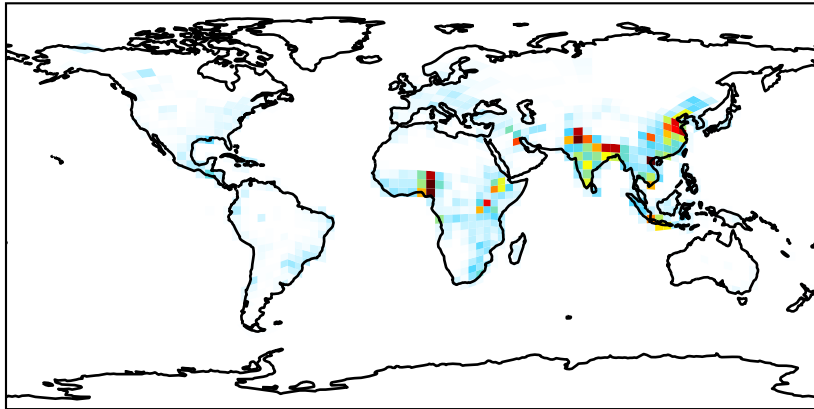


Ratio
Dev/Ref, Fixed Range

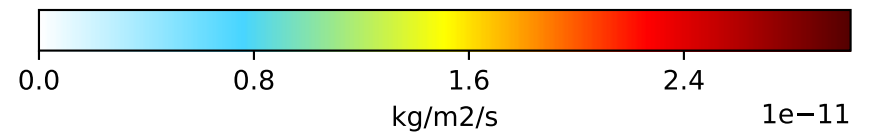
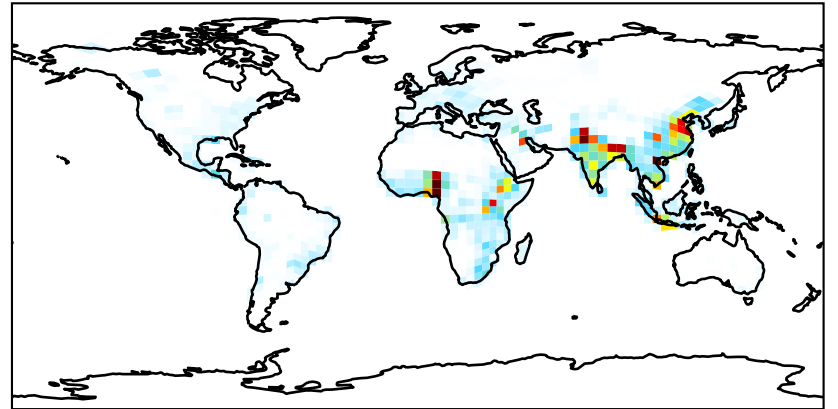


EmisHCOOH_Anthro

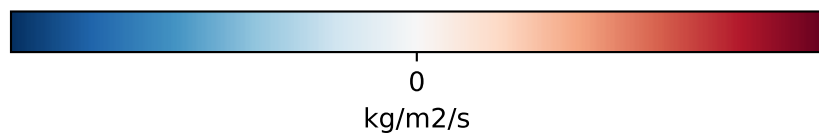
GCHP_14.2.0_MERRA2 (Ref)
c24



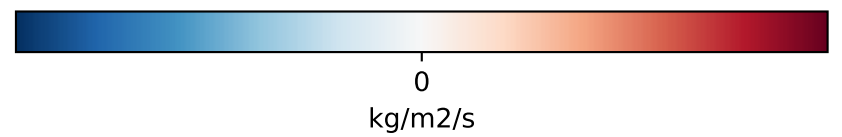
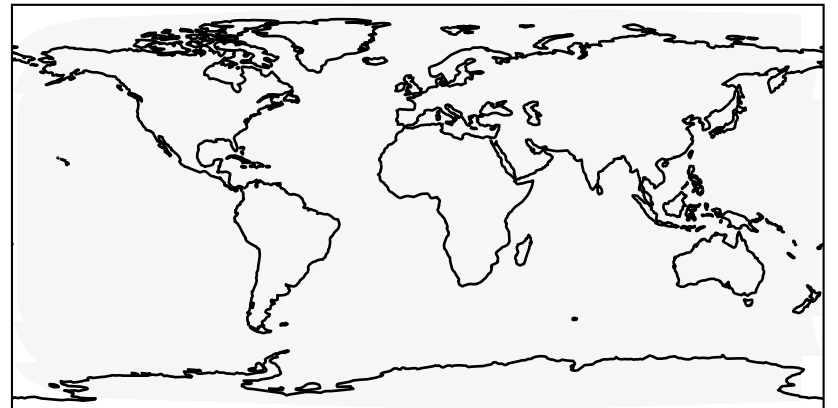
GCHP_14.2.0_GEOS-IT (Dev)
c24



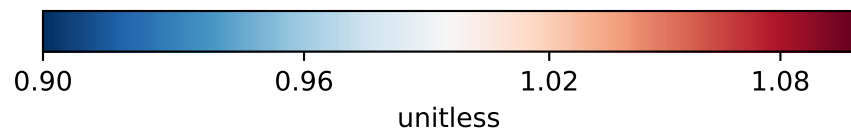
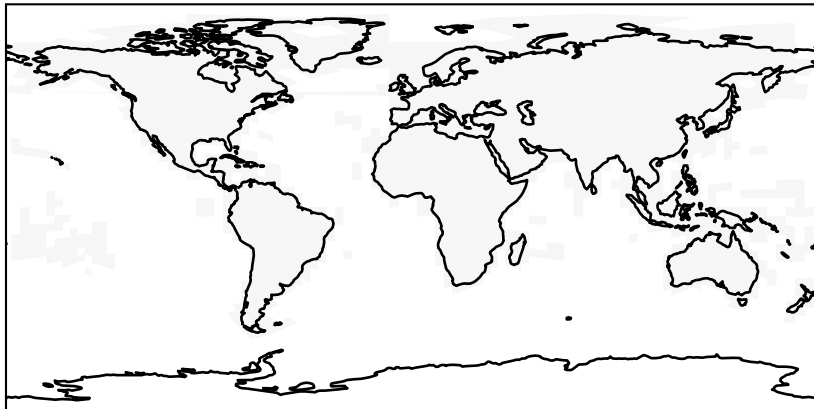
Difference
Dev - Ref, Dynamic Range



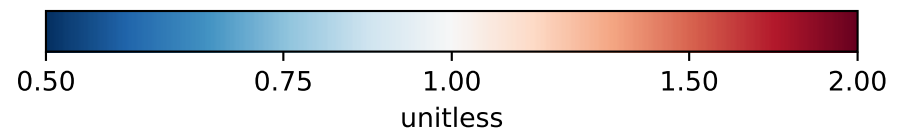
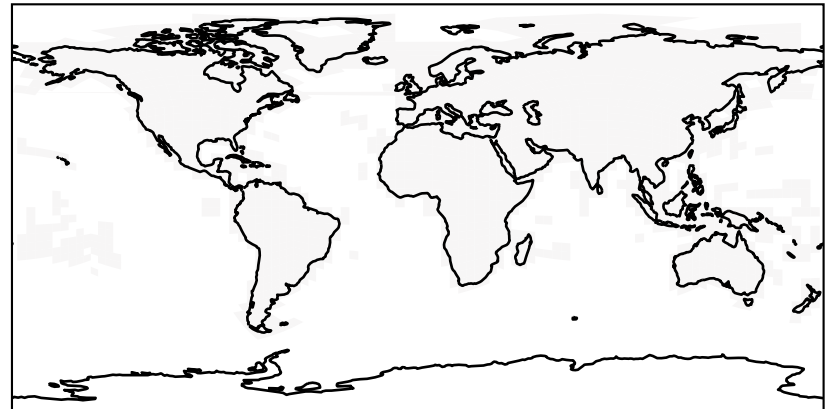
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

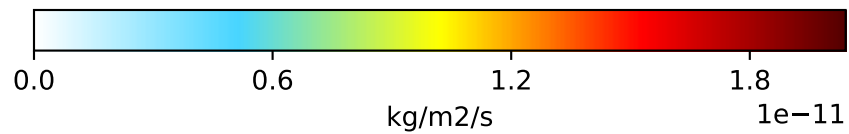
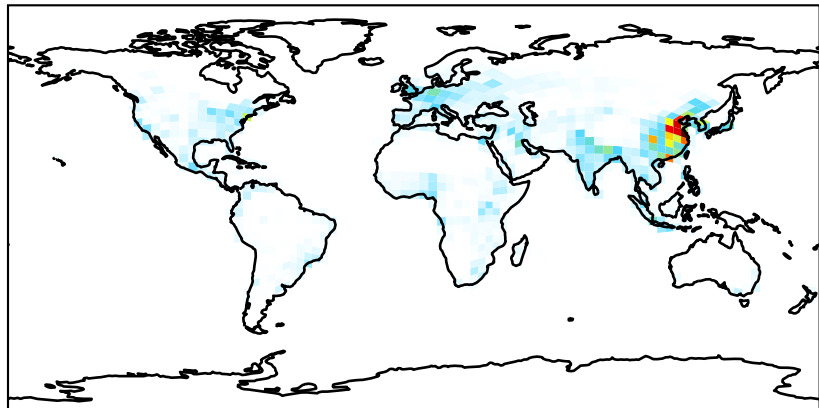


Ratio
Dev/Ref, Fixed Range

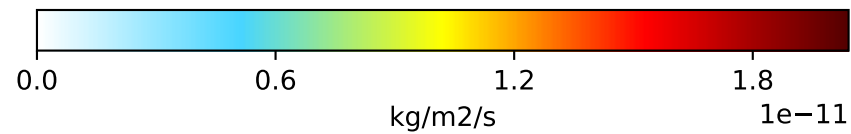
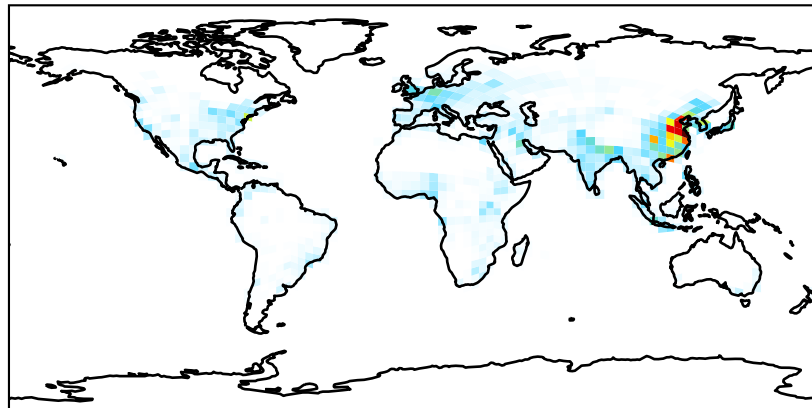


EmisMEK_Anthro

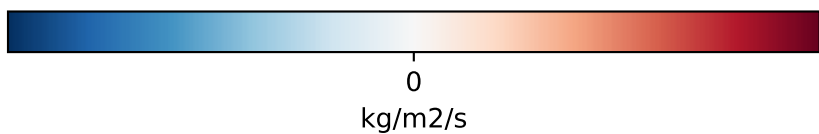
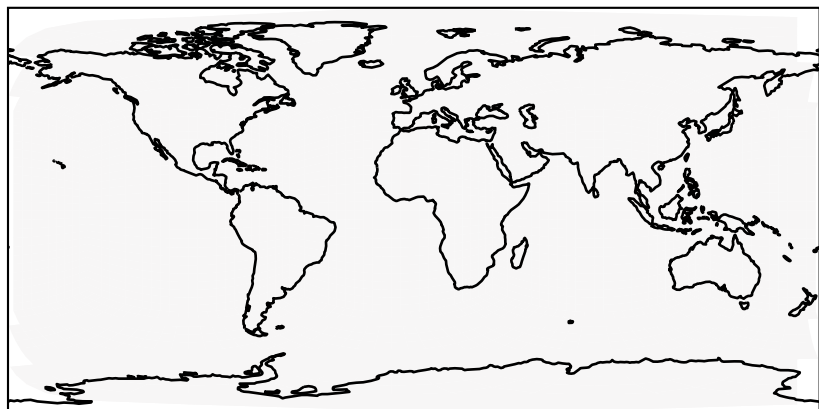
GCHP_14.2.0_MERRA2 (Ref)
c24



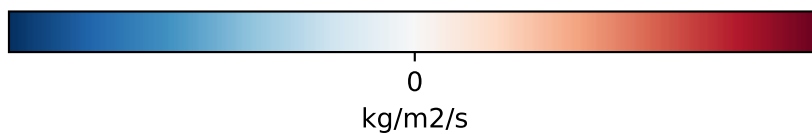
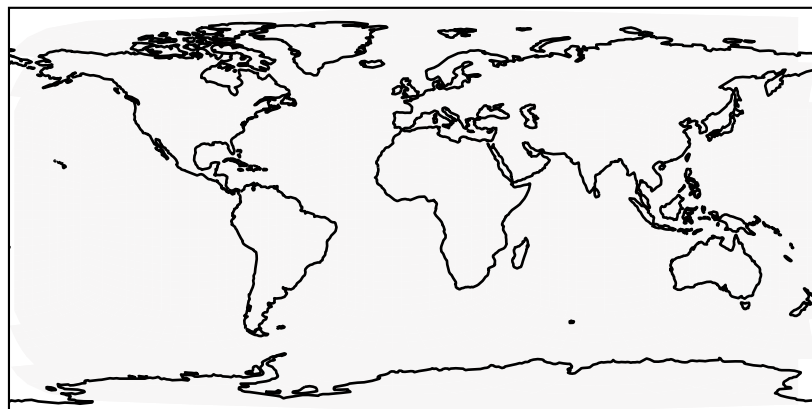
GCHP_14.2.0_GEOS-IT (Dev)
c24



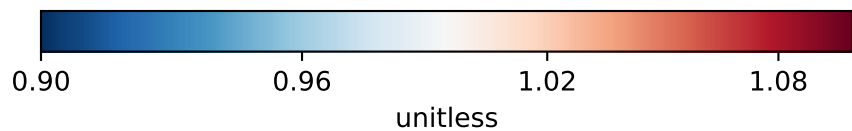
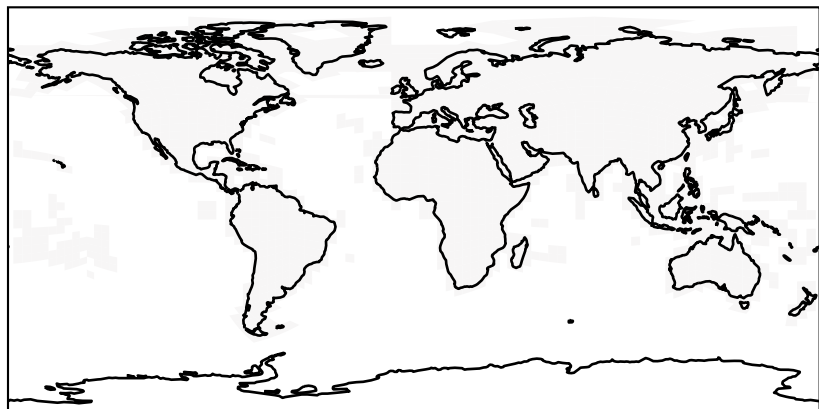
Difference
Dev - Ref, Dynamic Range



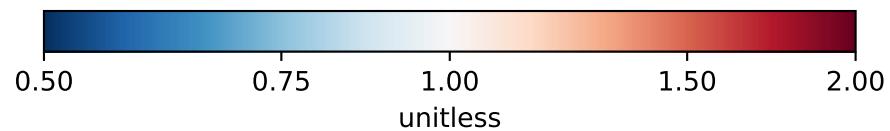
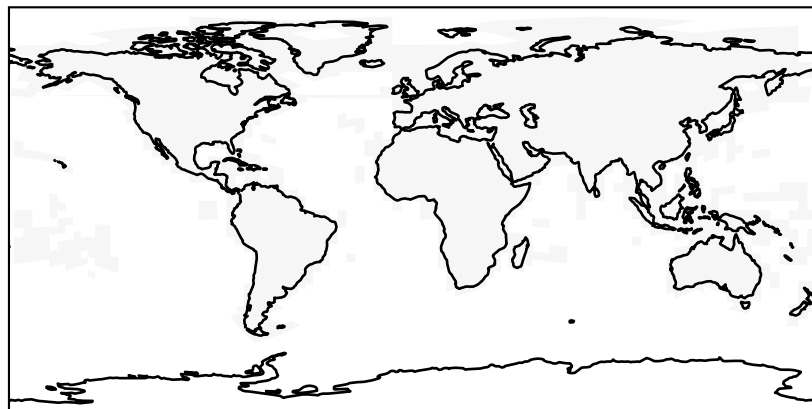
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

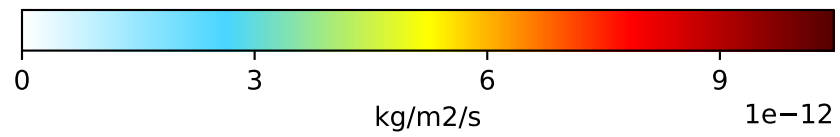
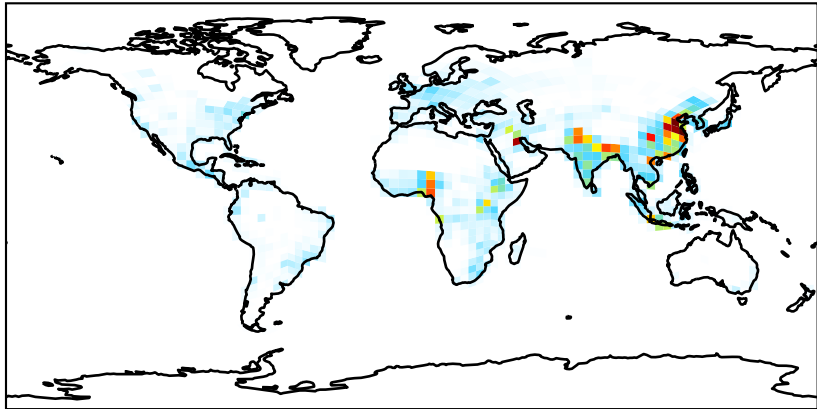


Ratio
Dev/Ref, Fixed Range

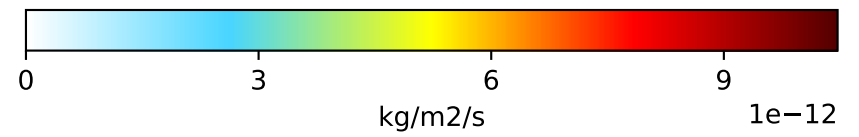
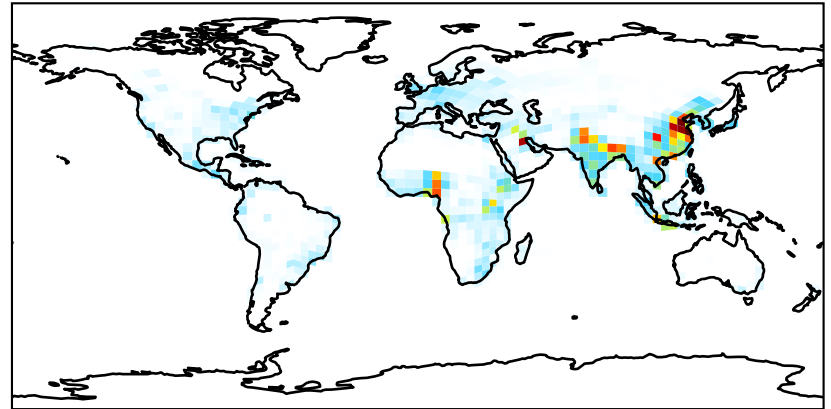


EmisMOH_Anthro

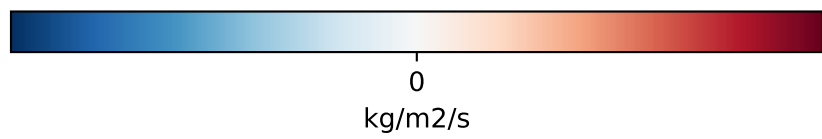
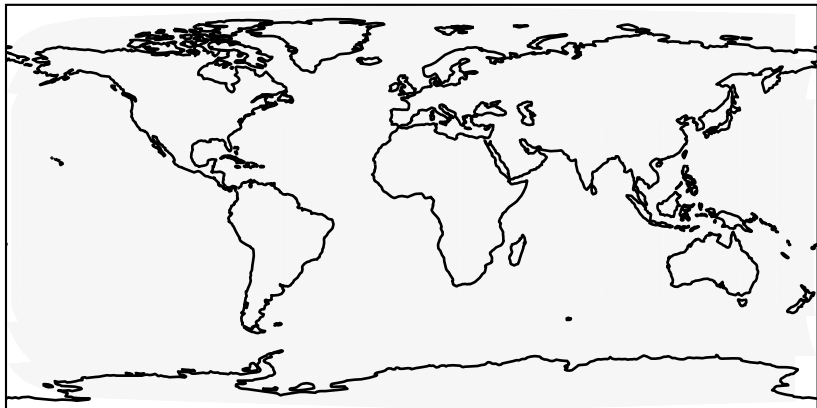
GCHP_14.2.0_MERRA2 (Ref)
c24



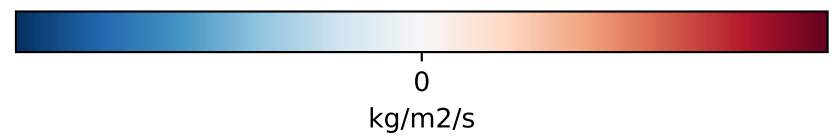
GCHP_14.2.0_GEOS-IT (Dev)
c24



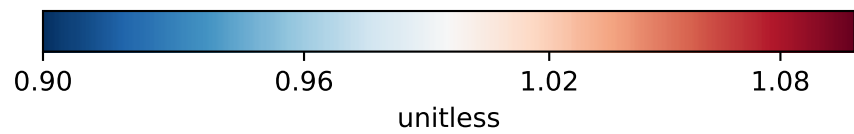
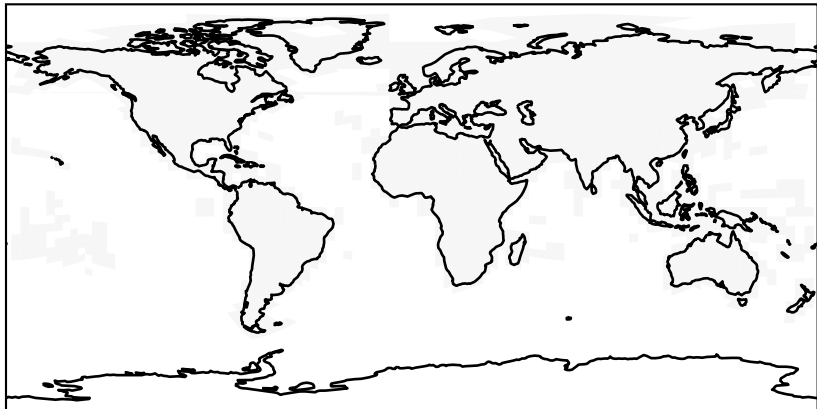
Difference
Dev - Ref, Dynamic Range



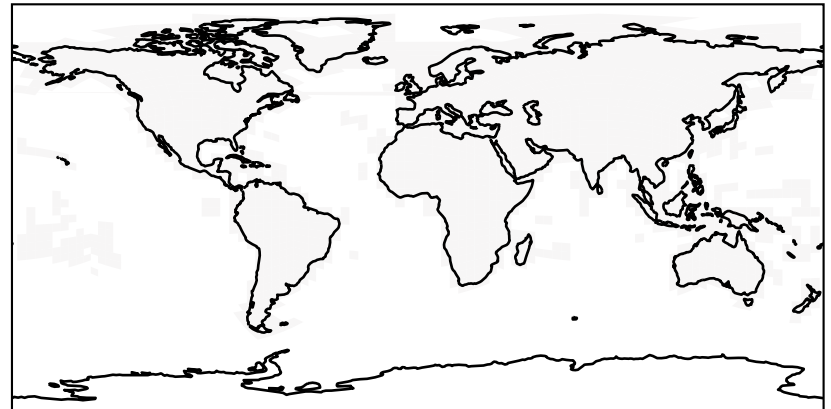
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

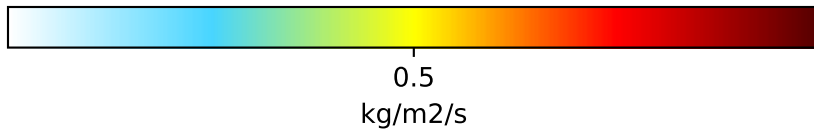


Ratio
Dev/Ref, Fixed Range

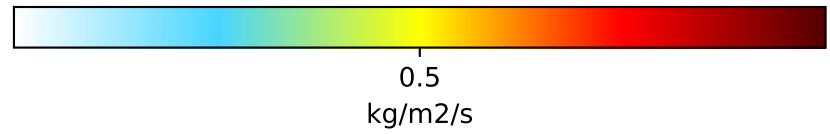


EmisNAP_Anthro

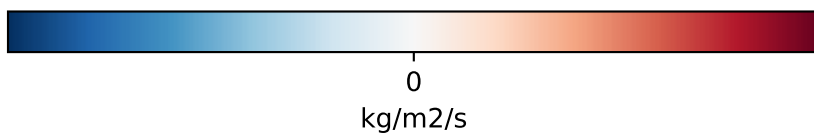
GCHP_14.2.0_MERRA2 (Ref)
c24



GCHP_14.2.0_GEOS-IT (Dev)
c24



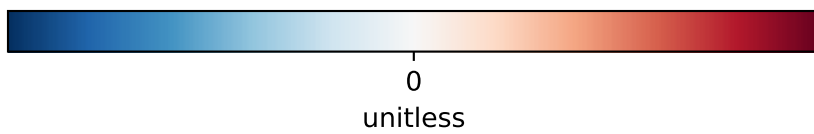
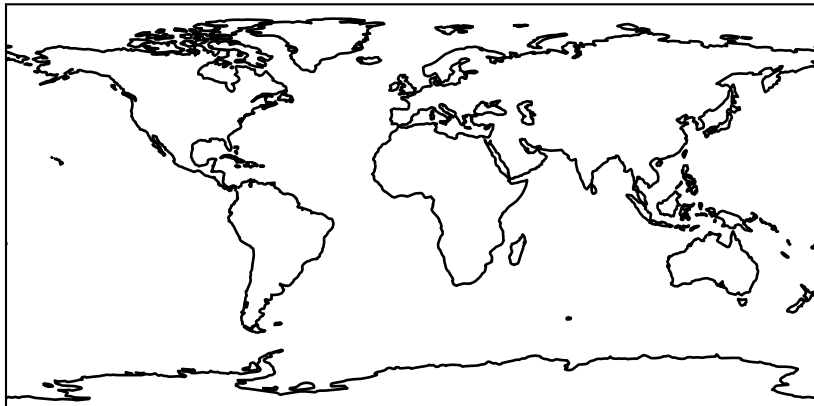
Difference
Dev - Ref, Dynamic Range



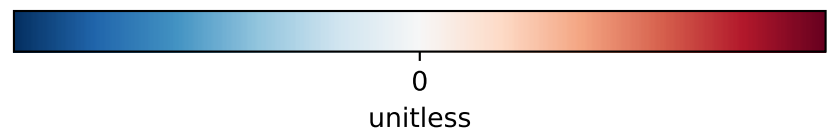
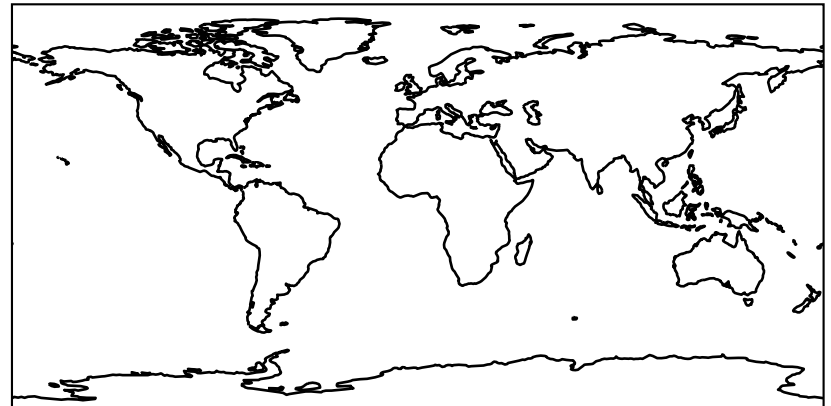
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

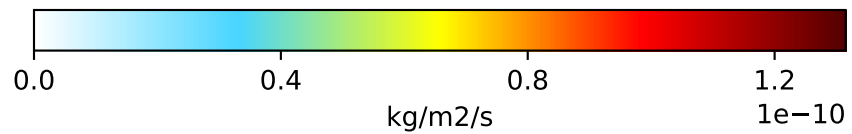
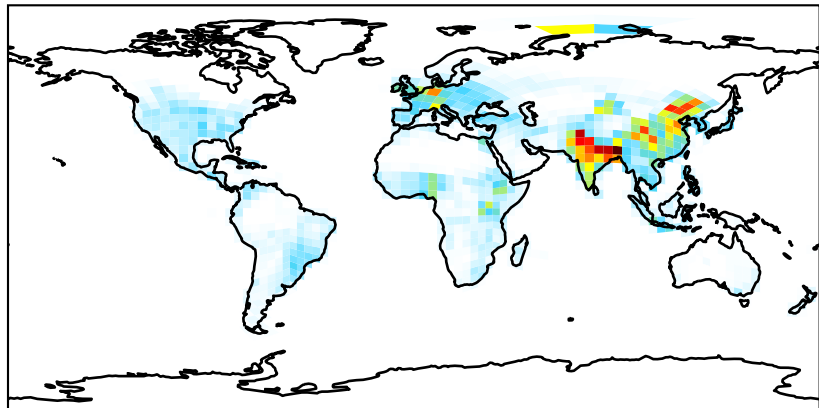


Ratio
Dev/Ref, Fixed Range

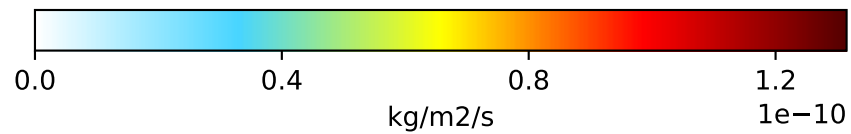
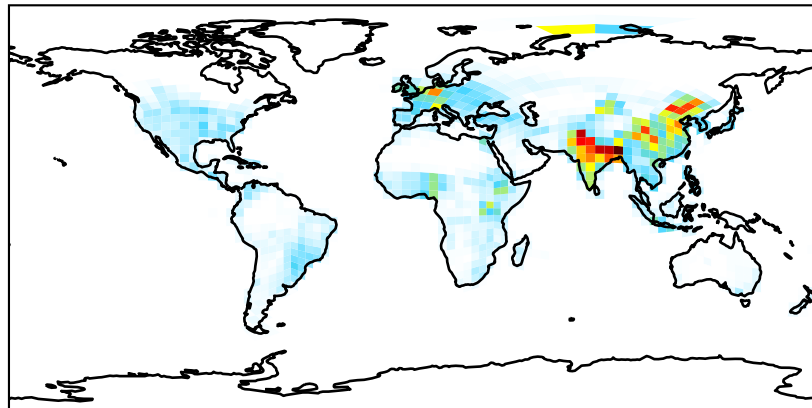


EmisNH3_Anthro

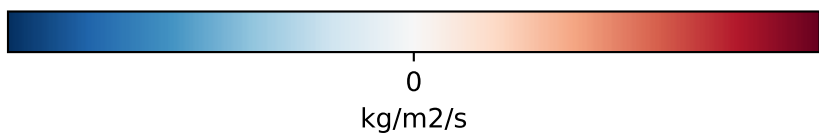
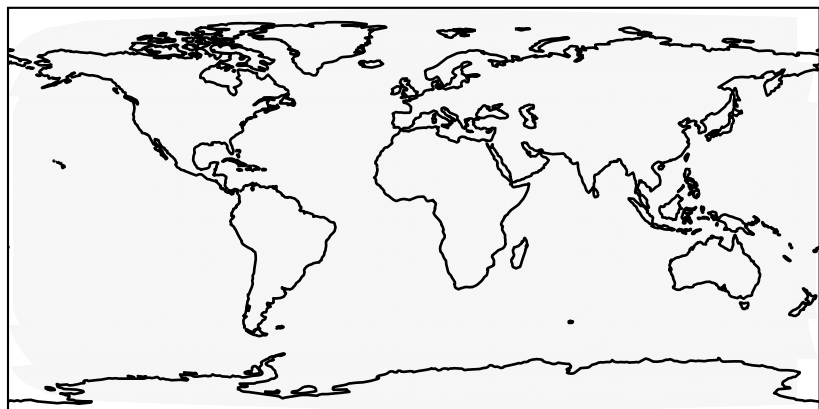
GCHP_14.2.0_MERRA2 (Ref)
c24



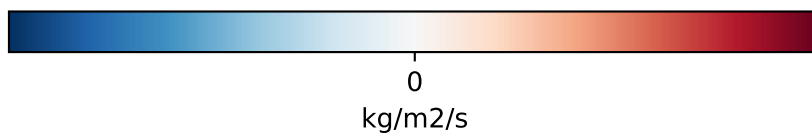
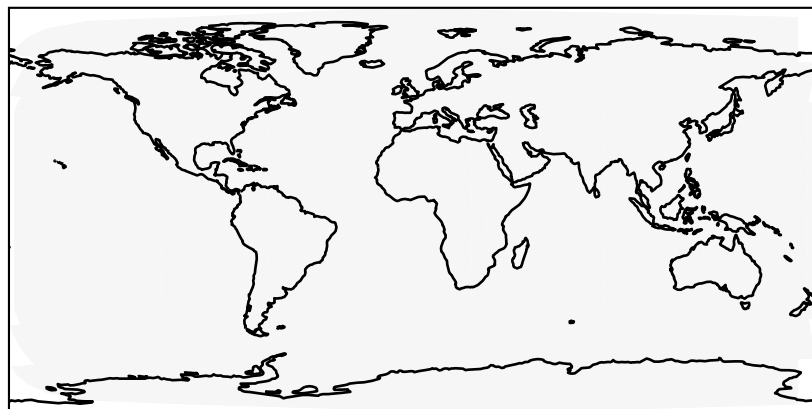
GCHP_14.2.0_GEOS-IT (Dev)
c24



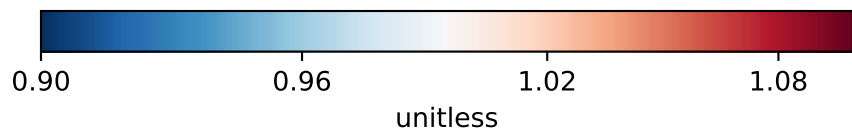
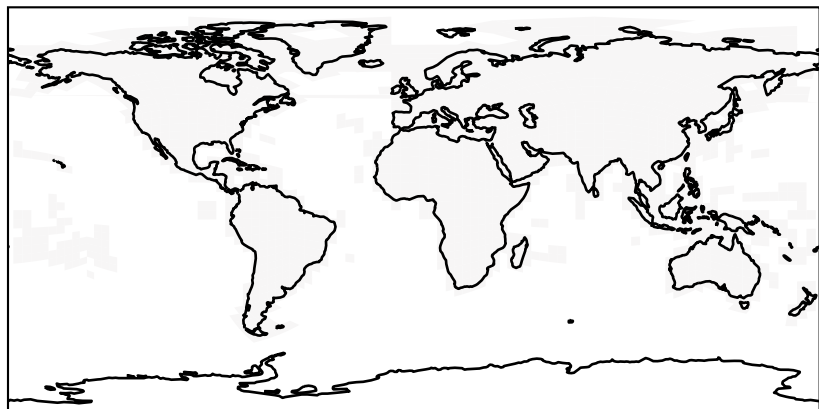
Difference
Dev - Ref, Dynamic Range



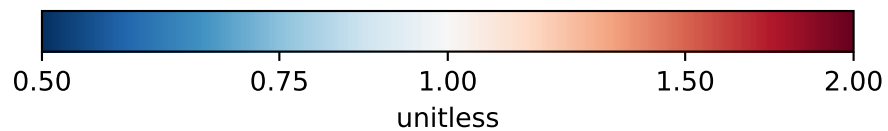
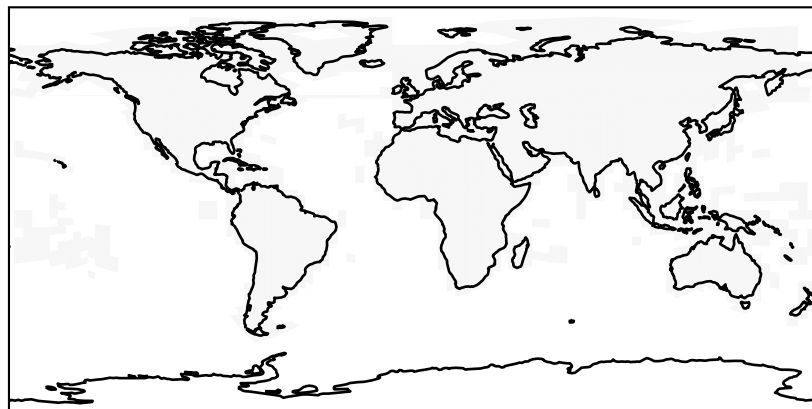
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

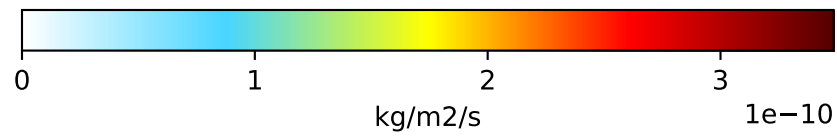
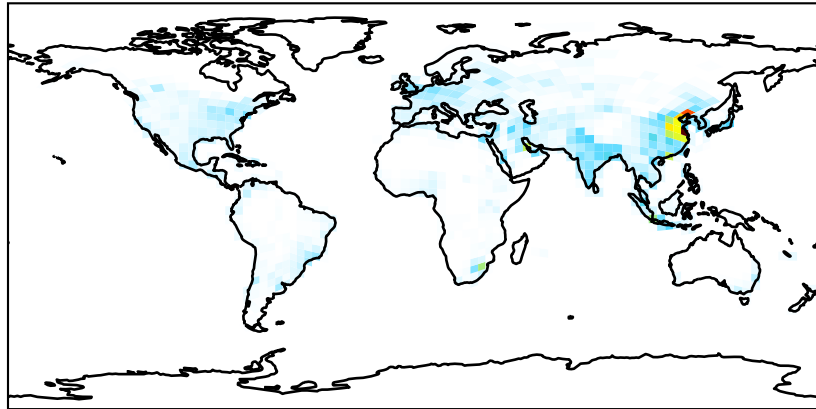


Ratio
Dev/Ref, Fixed Range

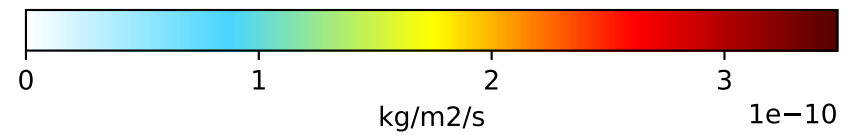
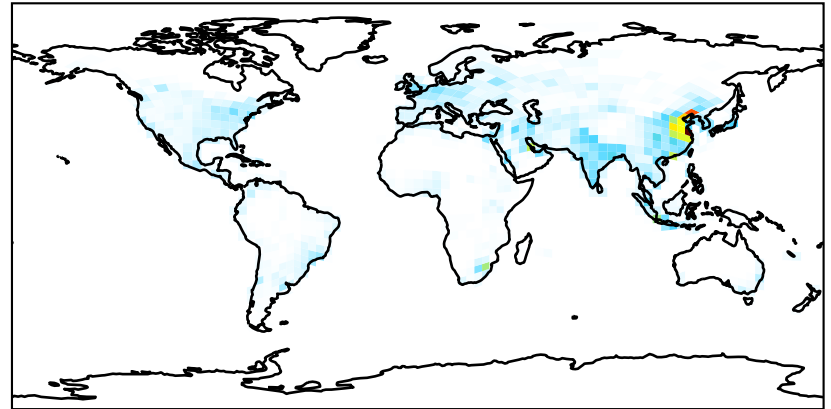


EmisNO_Anthro

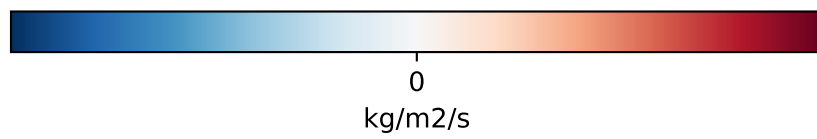
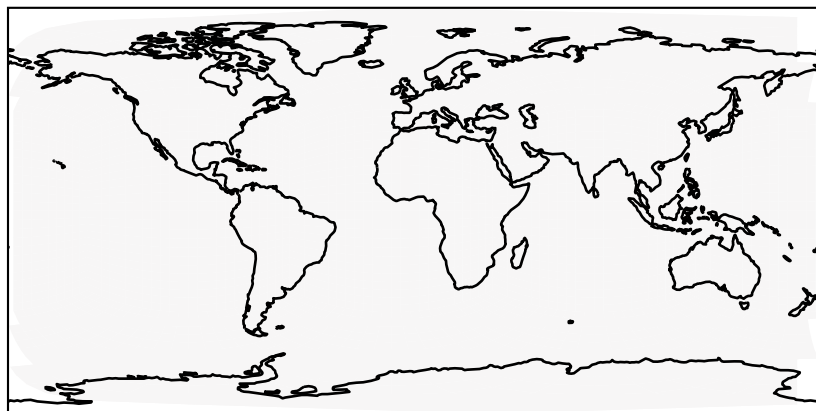
GCHP_14.2.0_MERRA2 (Ref)
c24



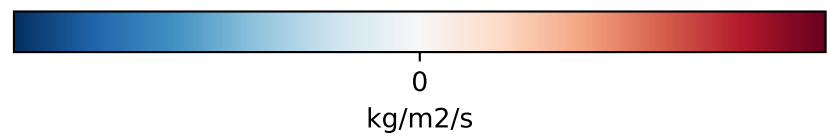
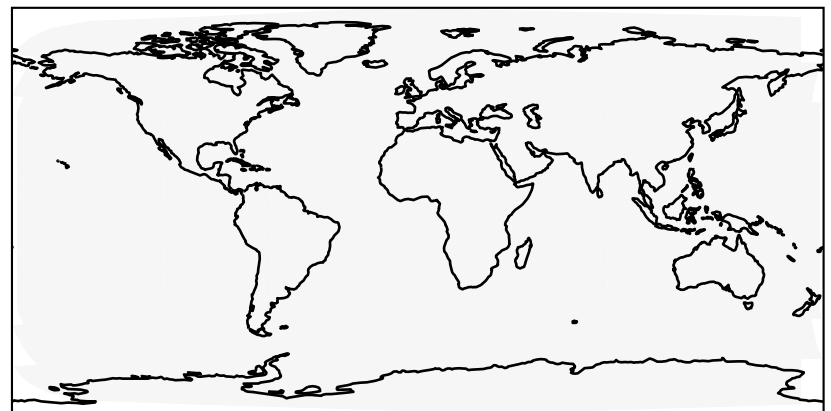
GCHP_14.2.0_GEOS-IT (Dev)
c24



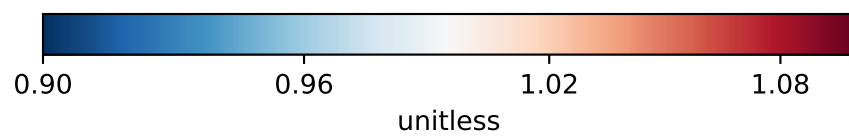
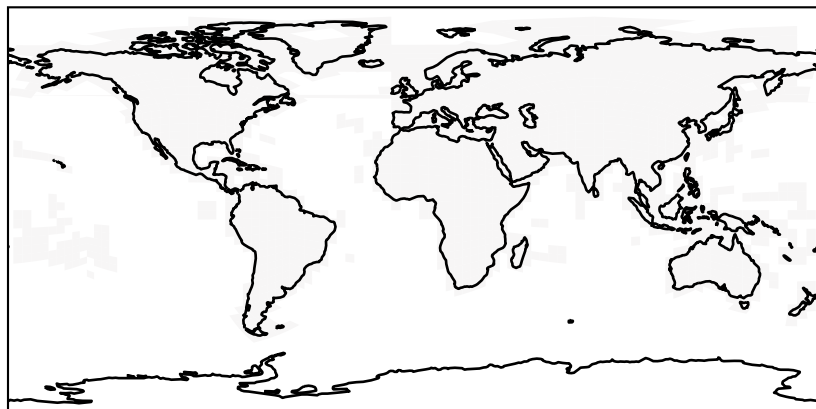
Difference
Dev - Ref, Dynamic Range



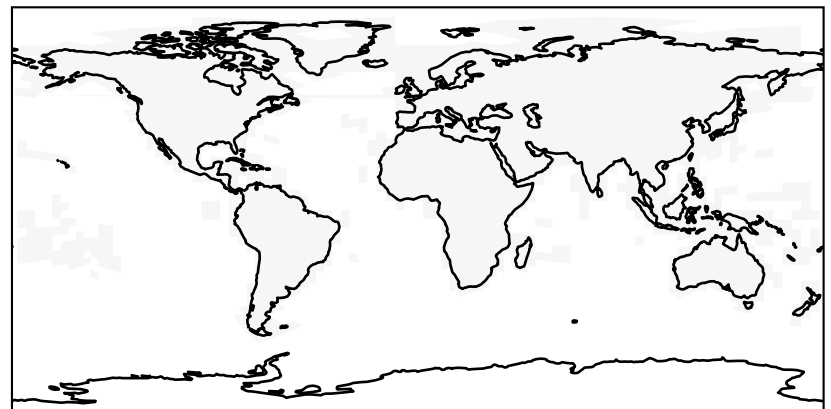
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

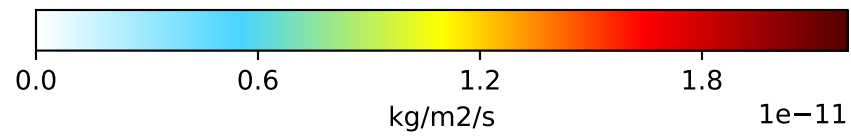
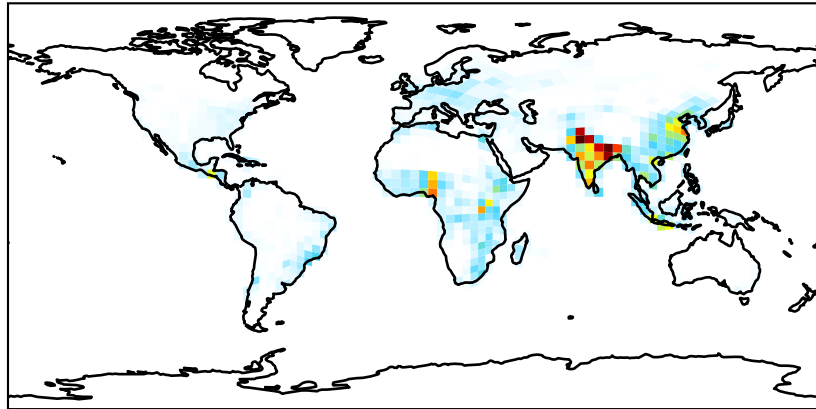


Ratio
Dev/Ref, Fixed Range

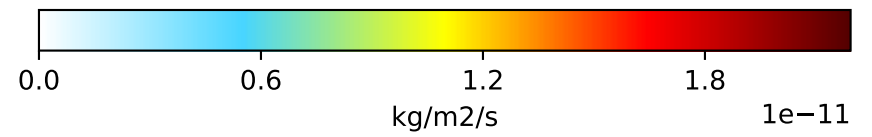
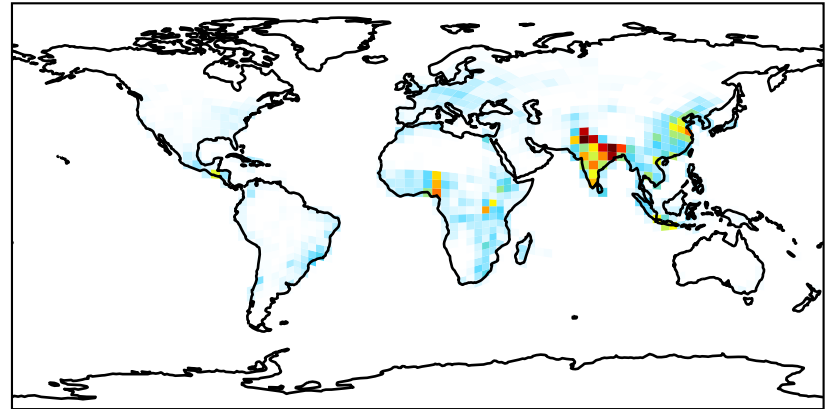


EmisOCPI_Anthro

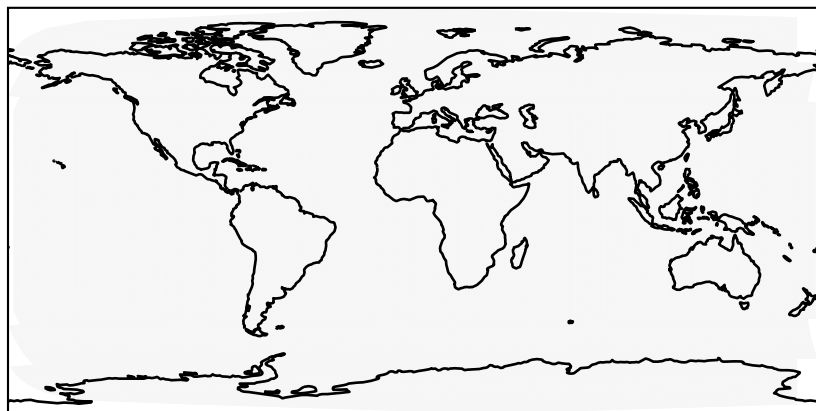
GCHP_14.2.0_MERRA2 (Ref)
c24



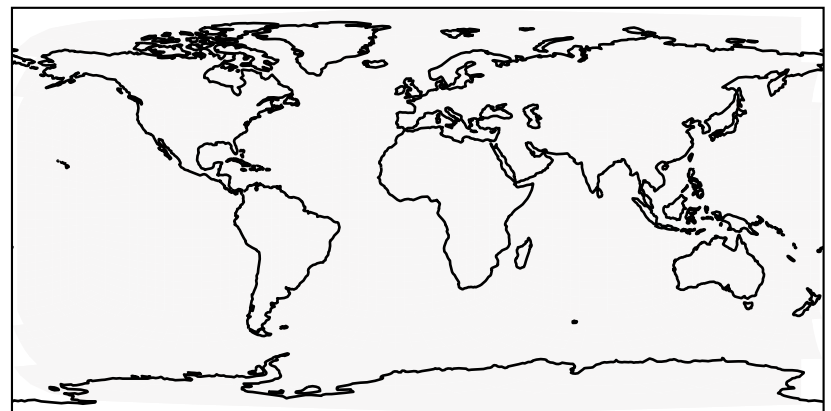
GCHP_14.2.0_GEOS-IT (Dev)
c24



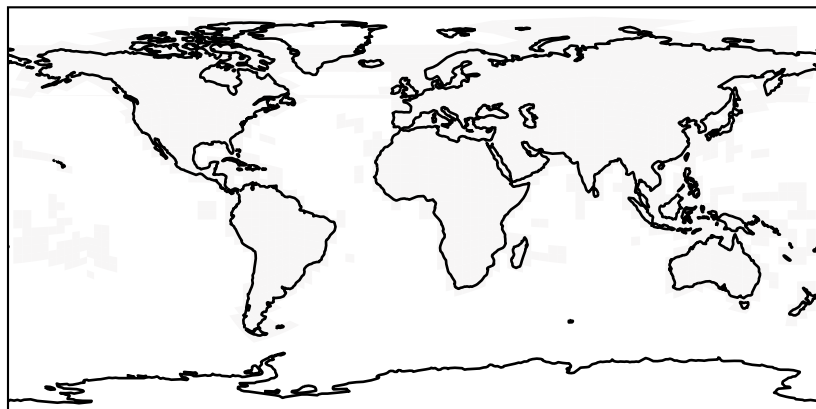
Difference
Dev - Ref, Dynamic Range



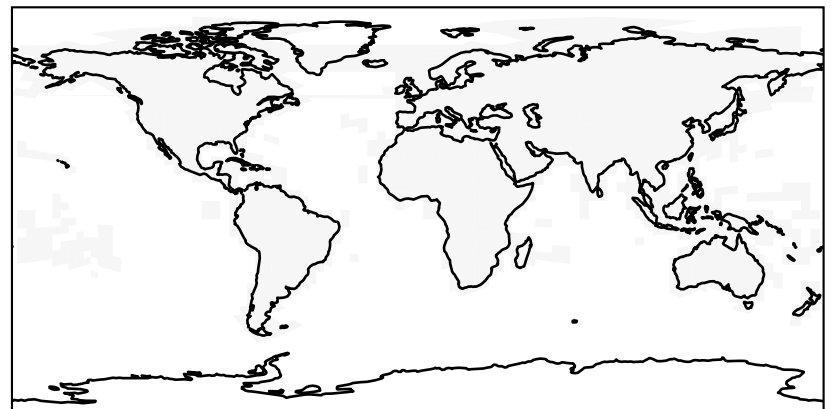
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

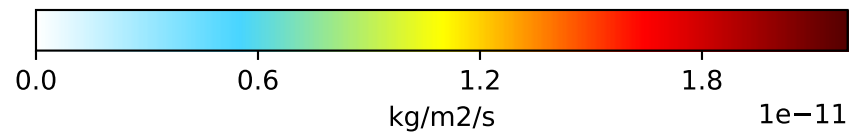
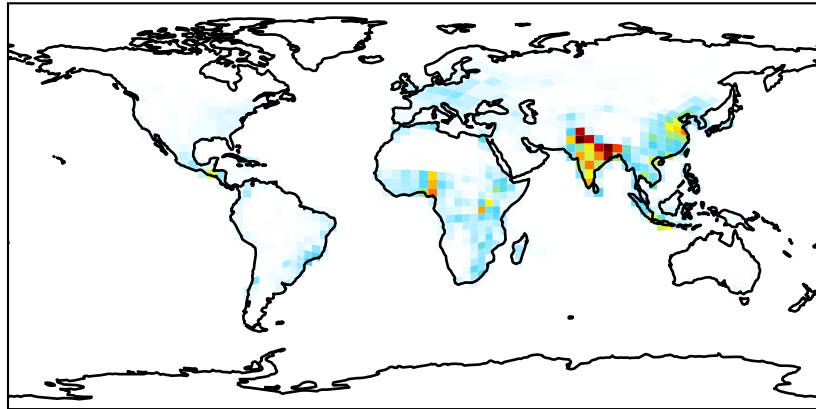


Ratio
Dev/Ref, Fixed Range

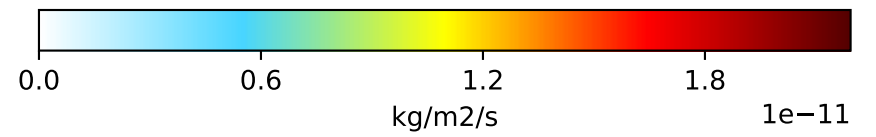
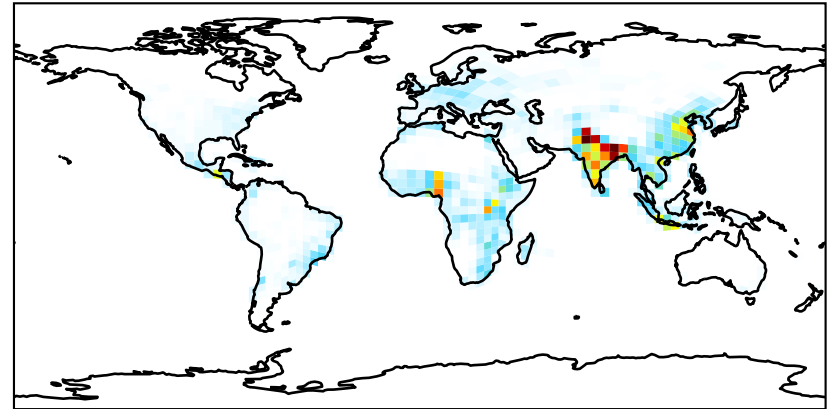


EmisOCPO_Anthro

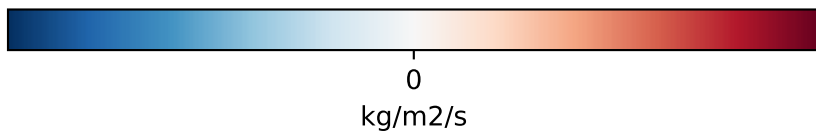
GCHP_14.2.0_MERRA2 (Ref)
c24



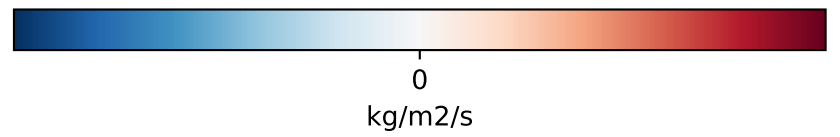
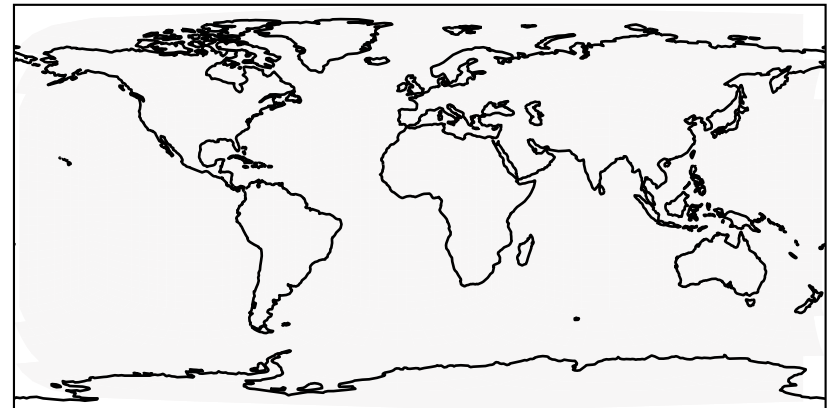
GCHP_14.2.0_GEOS-IT (Dev)
c24



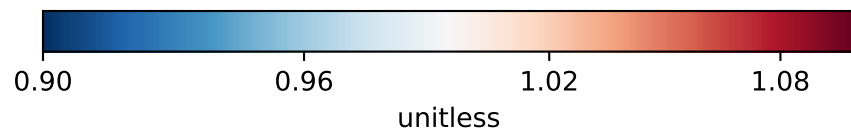
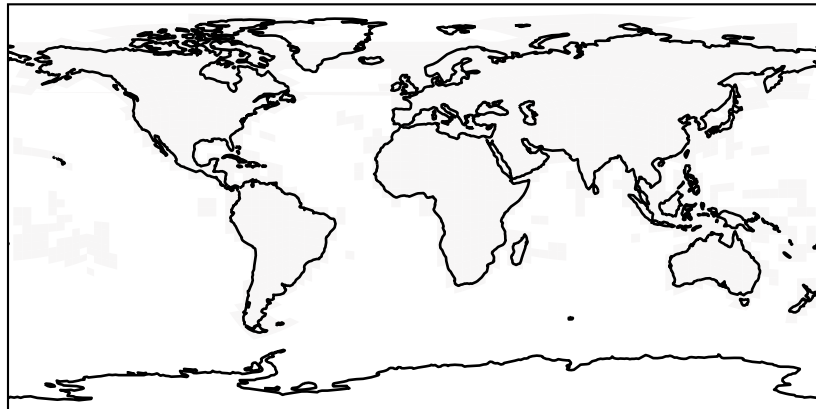
Difference
Dev - Ref, Dynamic Range



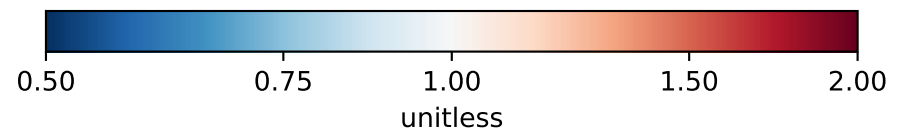
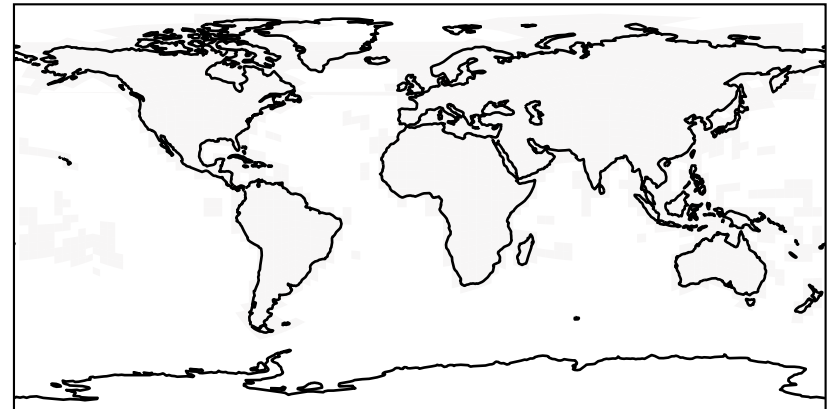
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

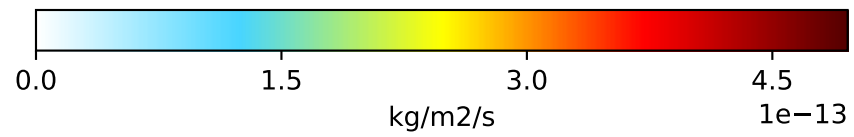
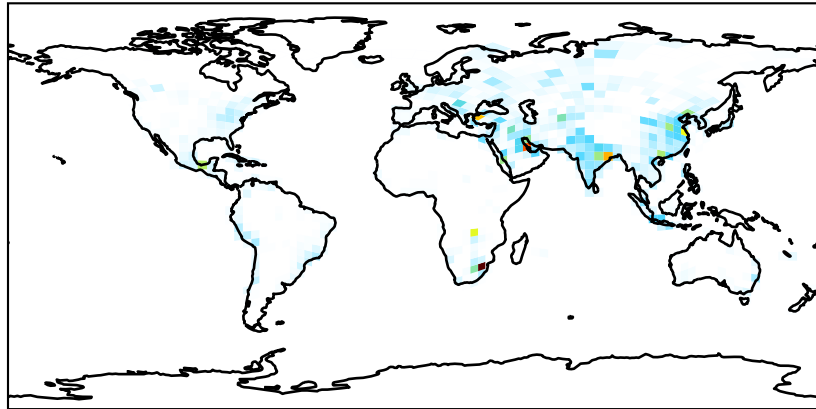


Ratio
Dev/Ref, Fixed Range

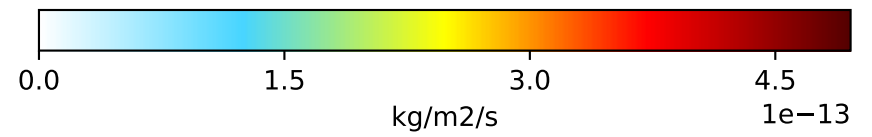
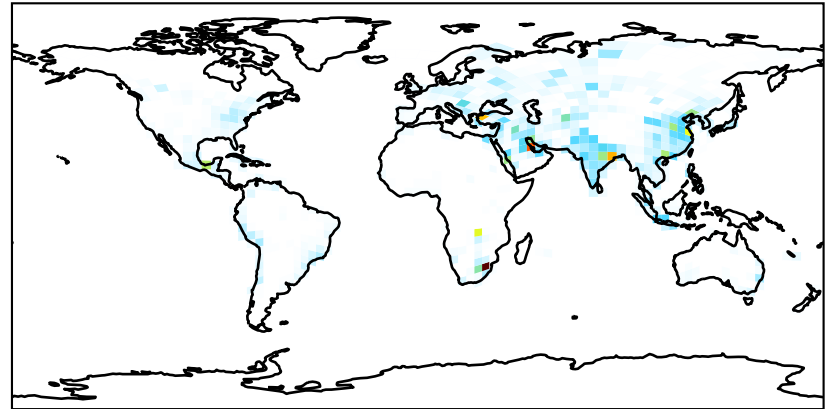


EmispFe_Anthro

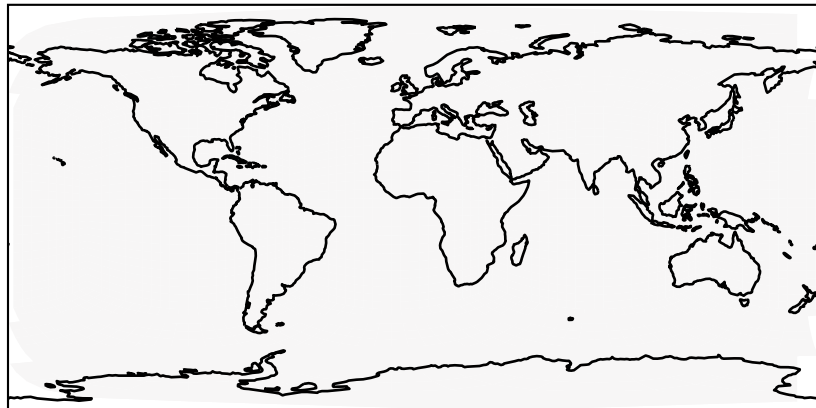
GCHP_14.2.0_MERRA2 (Ref)
c24



GCHP_14.2.0_GEOS-IT (Dev)
c24



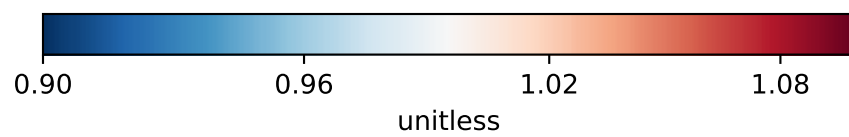
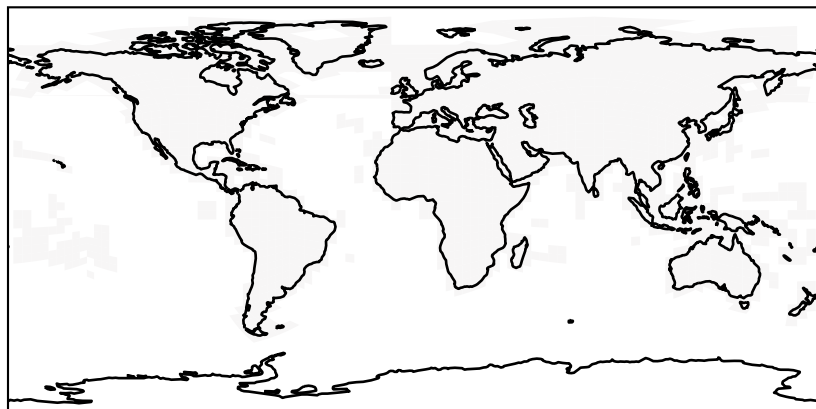
Difference
Dev - Ref, Dynamic Range



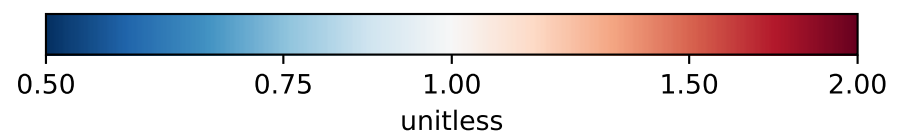
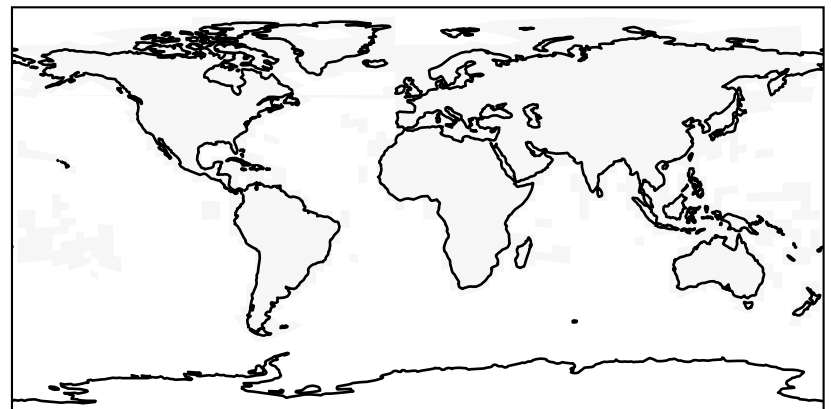
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

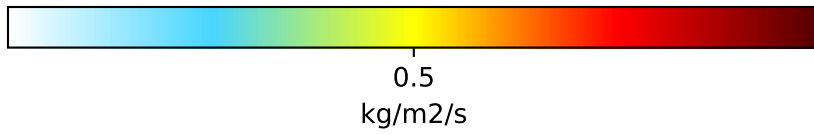
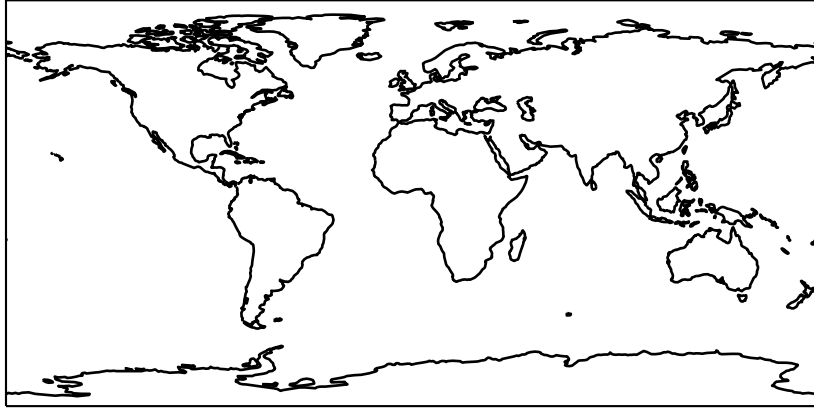


Ratio
Dev/Ref, Fixed Range

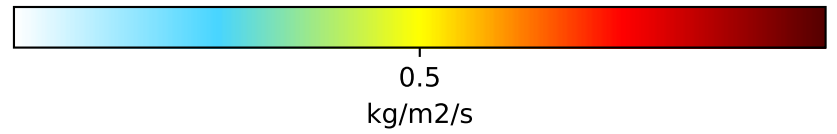
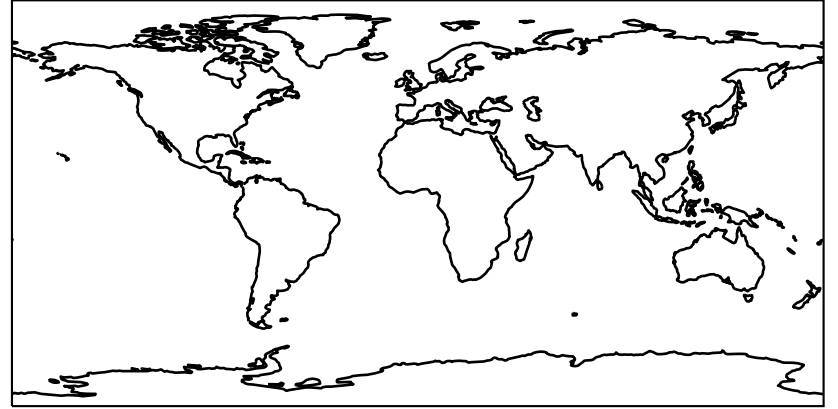


EmisPOG1_Anthro

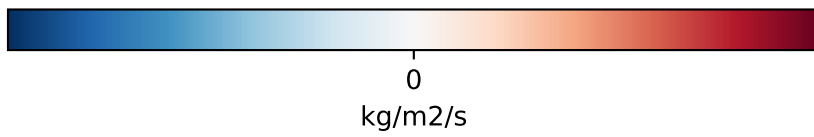
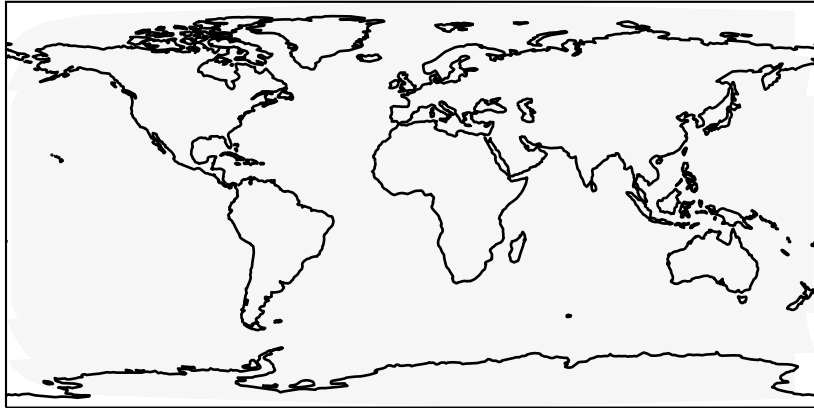
GCHP_14.2.0_MERRA2 (Ref)
c24



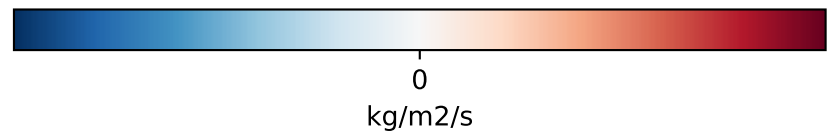
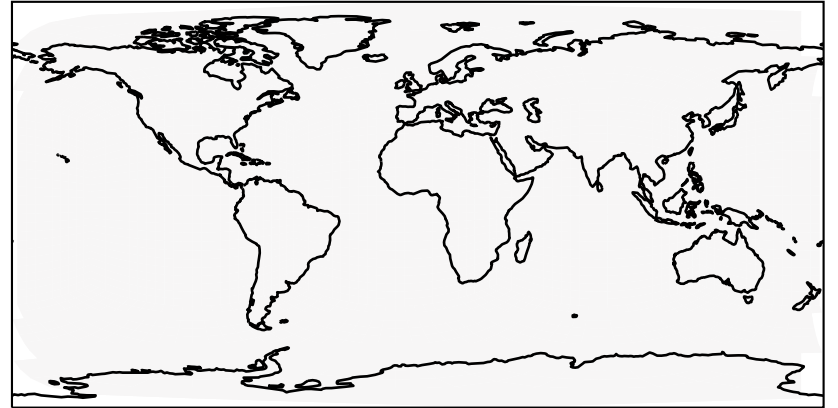
GCHP_14.2.0_GEOS-IT (Dev)
c24



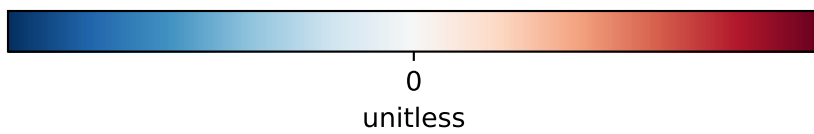
Difference
Dev - Ref, Dynamic Range



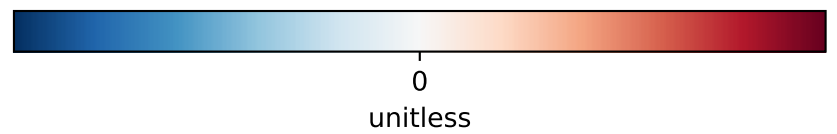
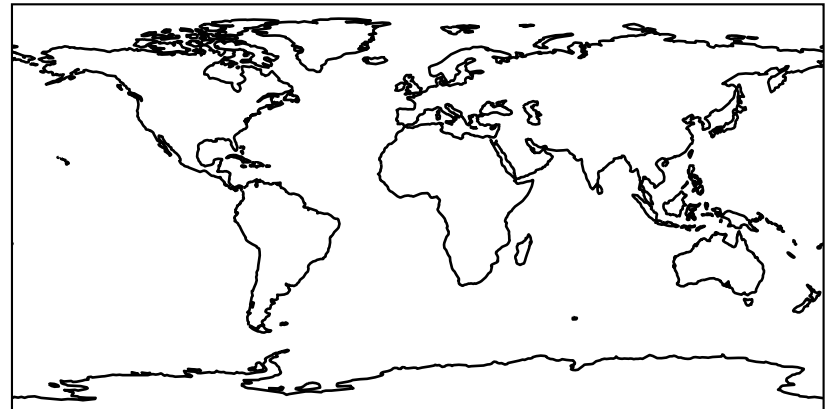
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

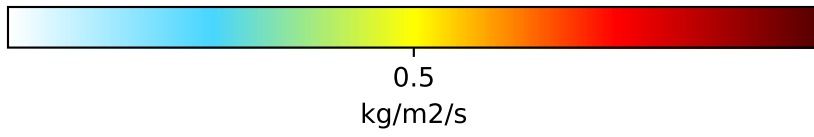
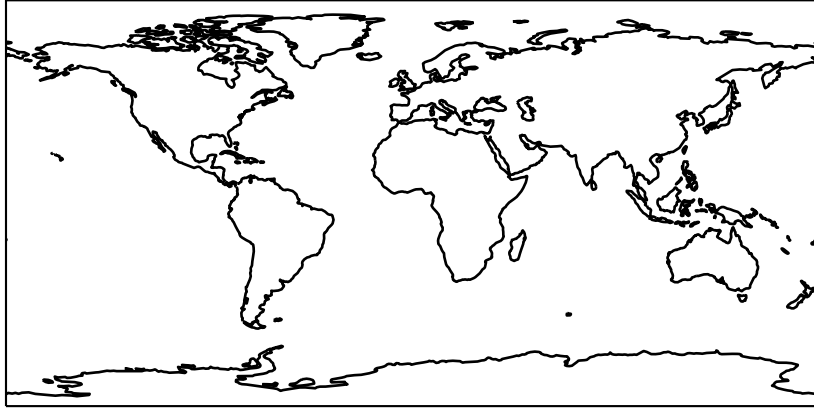


Ratio
Dev/Ref, Fixed Range

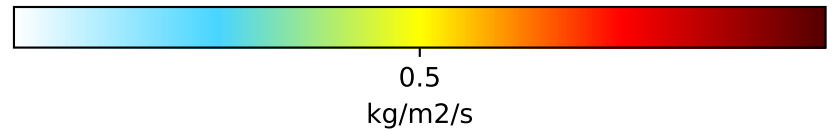
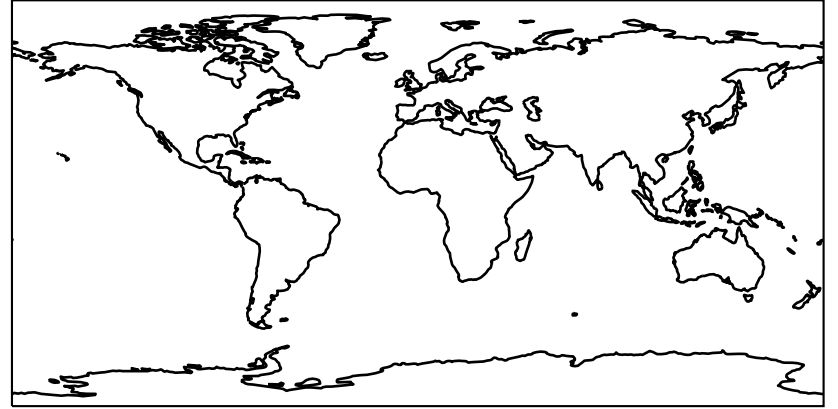


EmisPOG2_Anthro

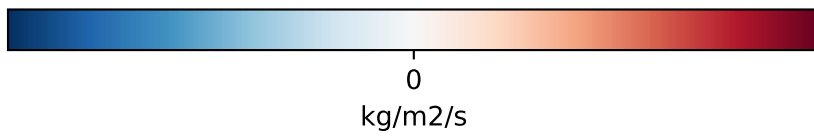
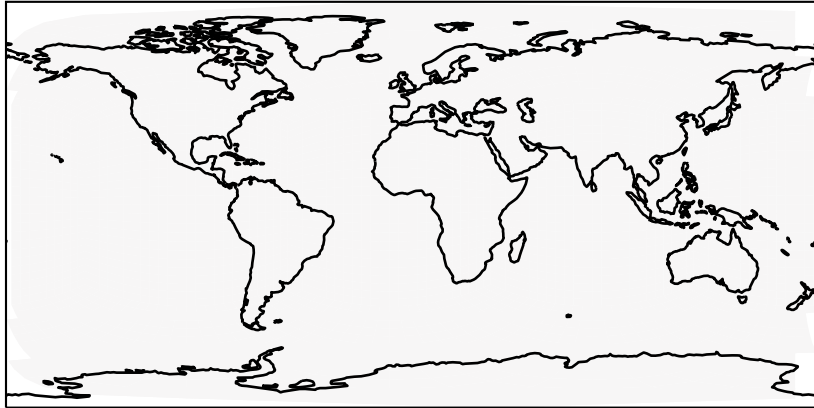
GCHP_14.2.0_MERRA2 (Ref)
c24



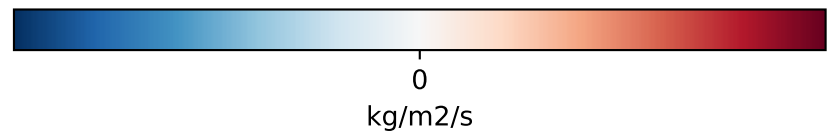
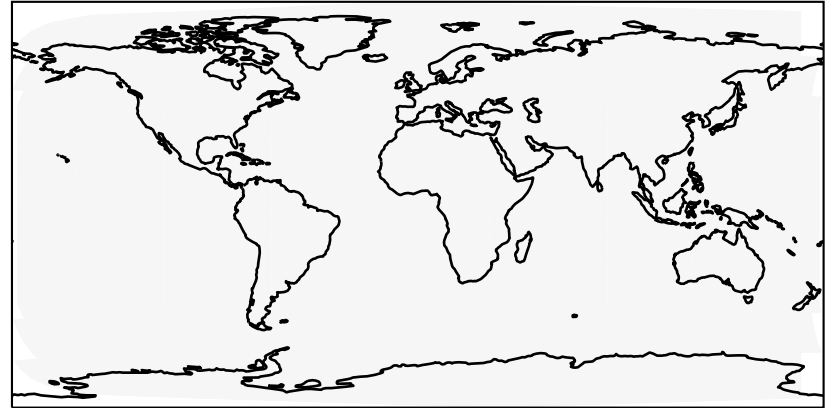
GCHP_14.2.0_GEOS-IT (Dev)
c24



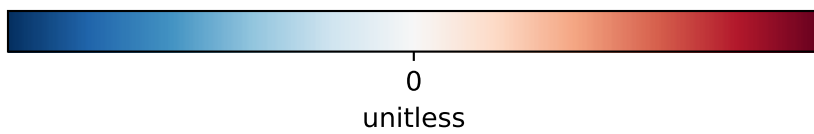
Difference
Dev - Ref, Dynamic Range



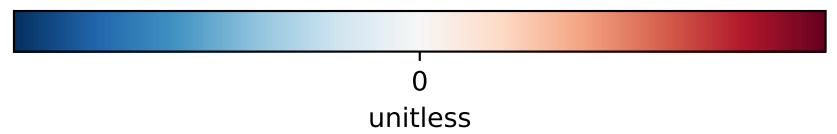
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

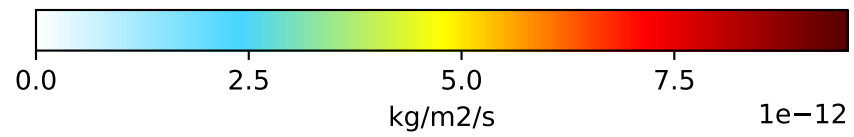
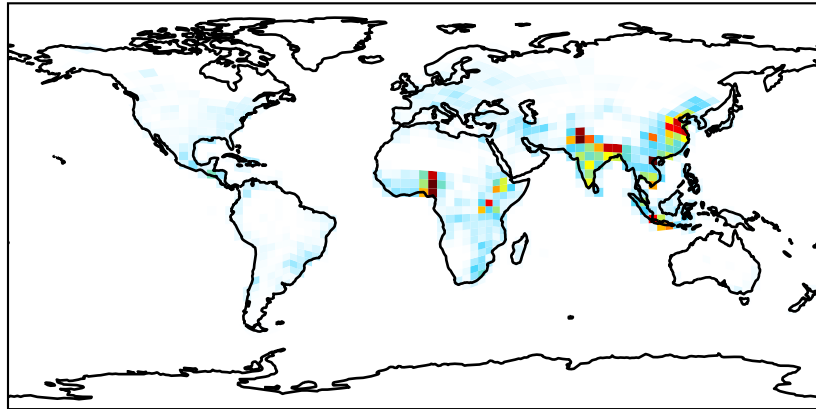


Ratio
Dev/Ref, Fixed Range

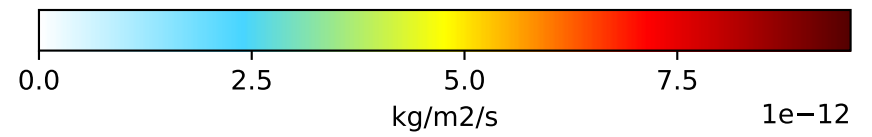
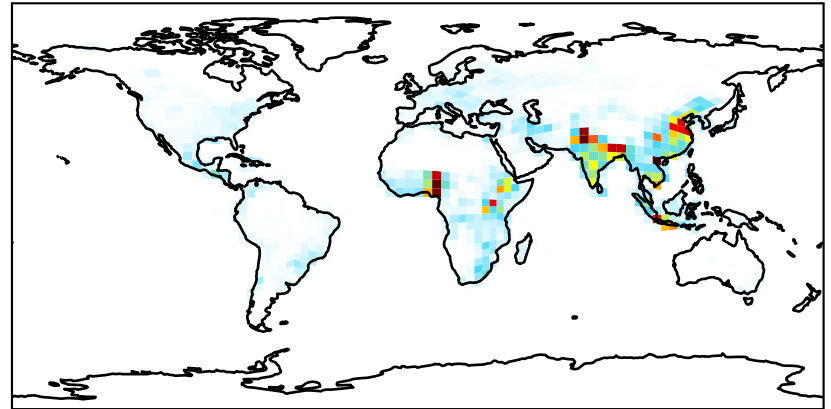


EmisPRPE_Anthro

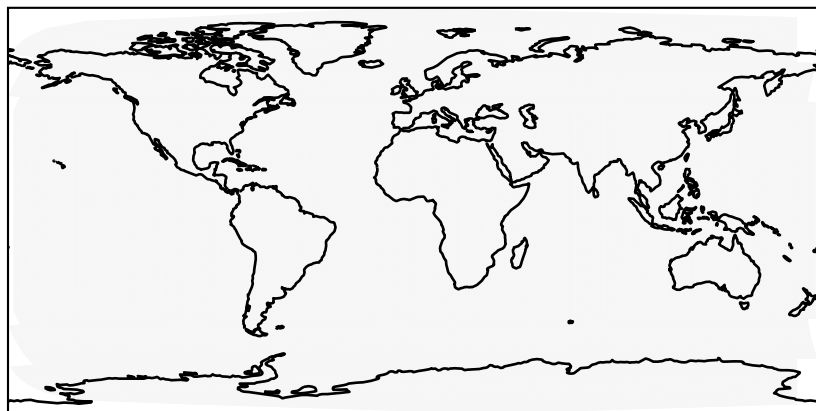
GCHP_14.2.0_MERRA2 (Ref)
c24



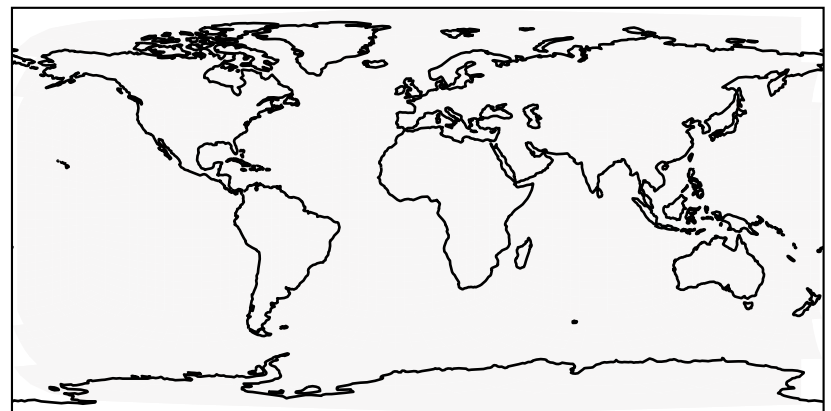
GCHP_14.2.0_GEOS-IT (Dev)
c24



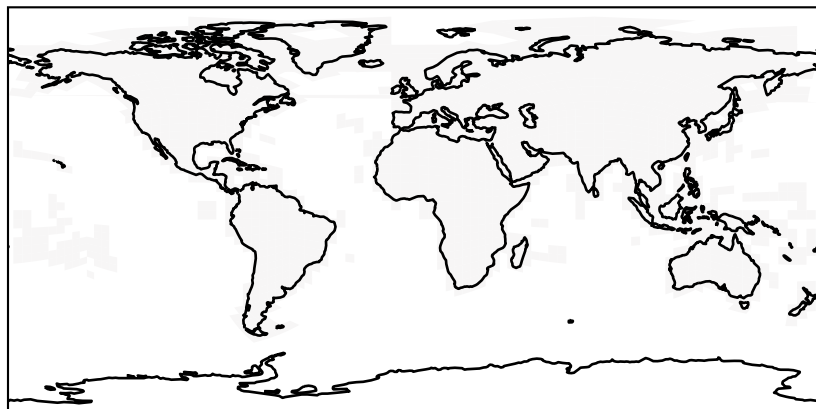
Difference
Dev - Ref, Dynamic Range



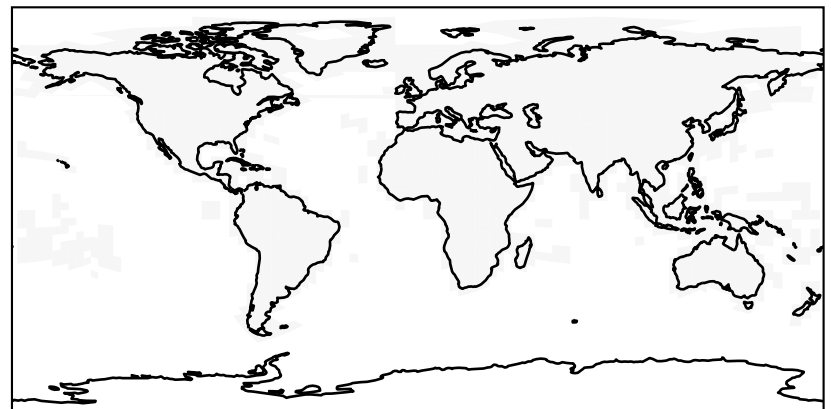
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

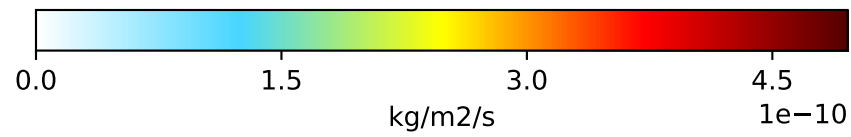
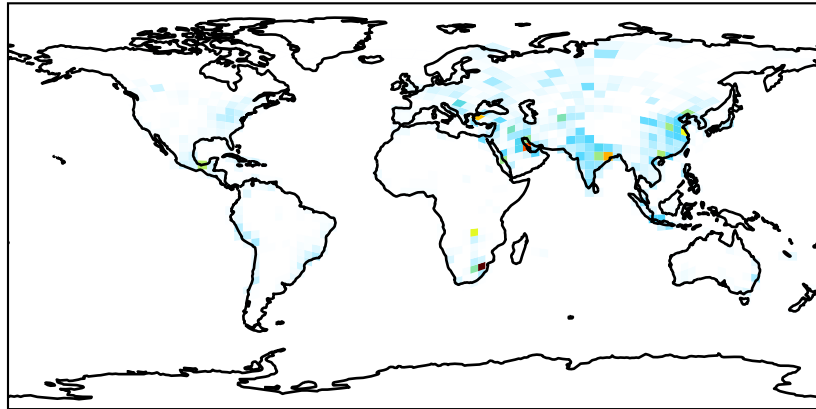


Ratio
Dev/Ref, Fixed Range

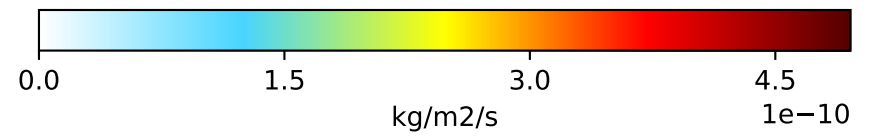
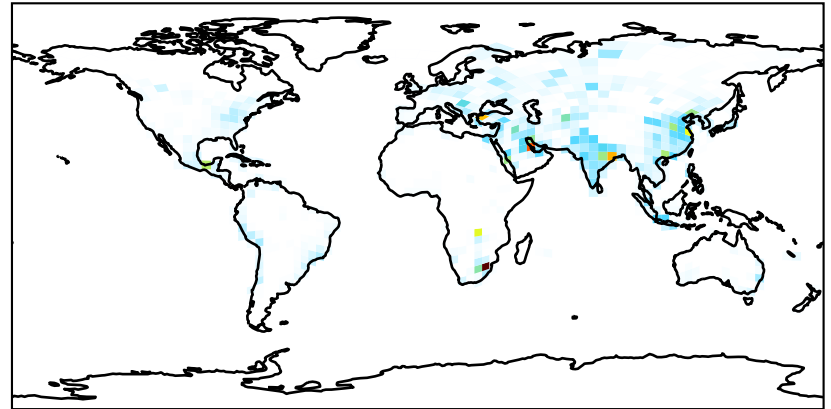


EmisSO2_Anthro

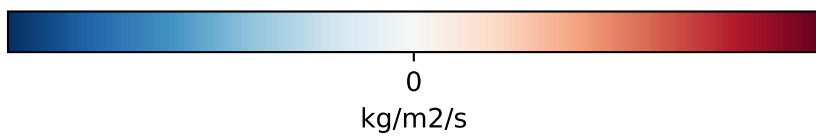
GCHP_14.2.0_MERRA2 (Ref)
c24



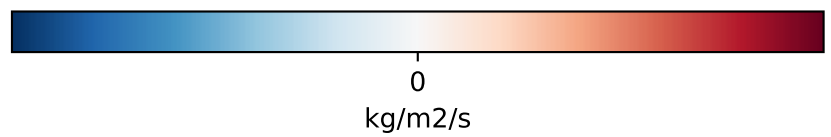
GCHP_14.2.0_GEOS-IT (Dev)
c24



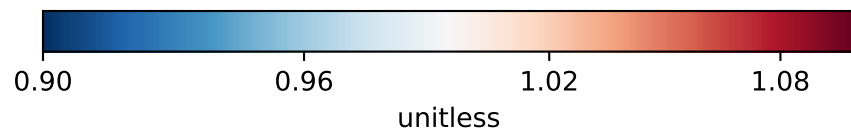
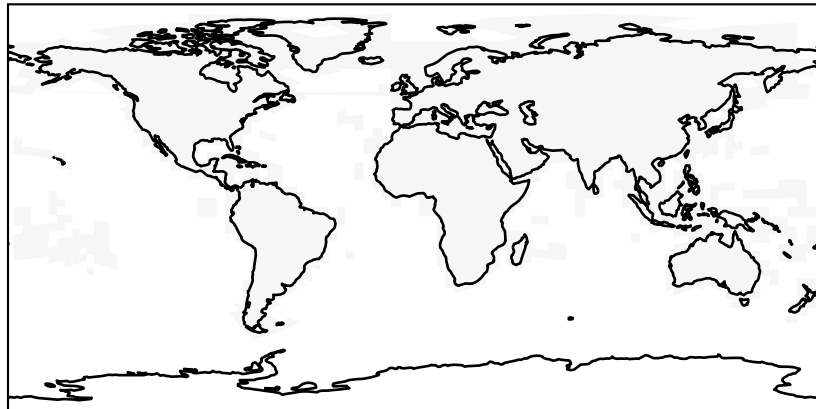
Difference
Dev - Ref, Dynamic Range



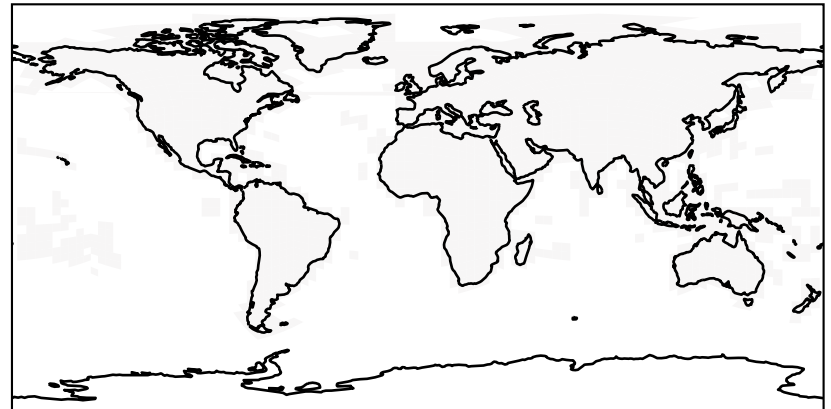
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

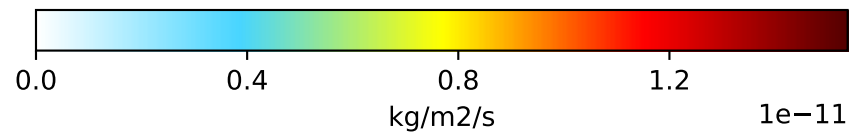
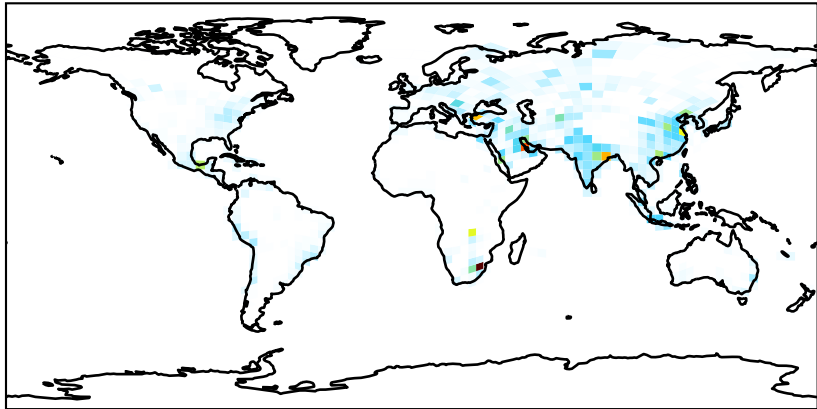


Ratio
Dev/Ref, Fixed Range

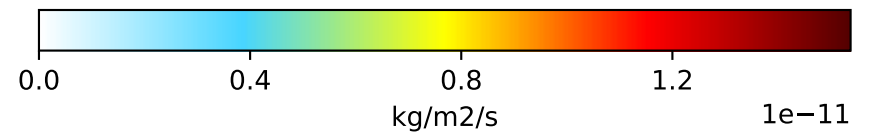
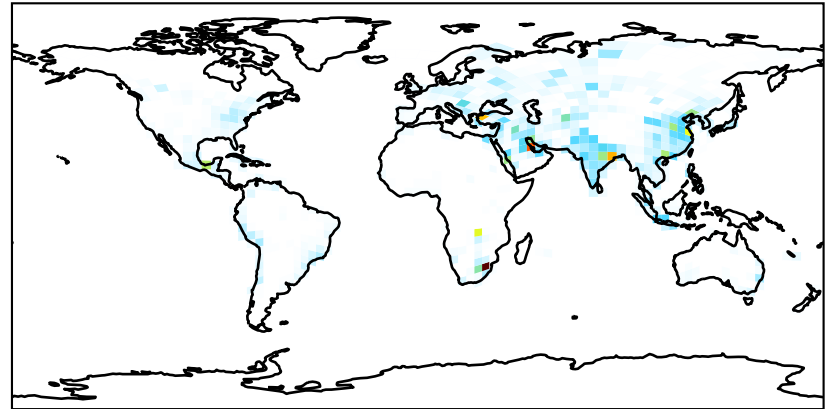


EmisSO4_Anthro

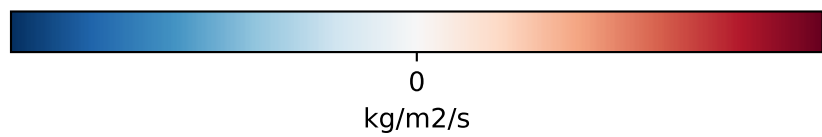
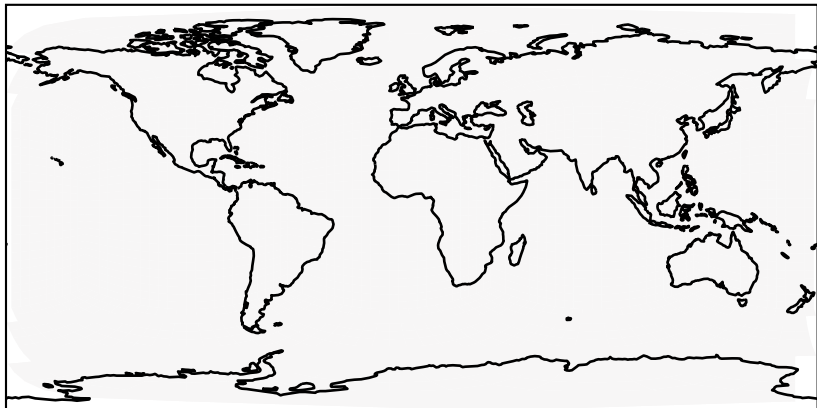
GCHP_14.2.0_MERRA2 (Ref)
c24



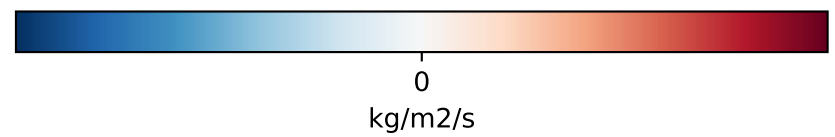
GCHP_14.2.0_GEOS-IT (Dev)
c24



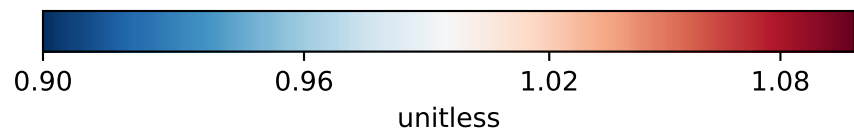
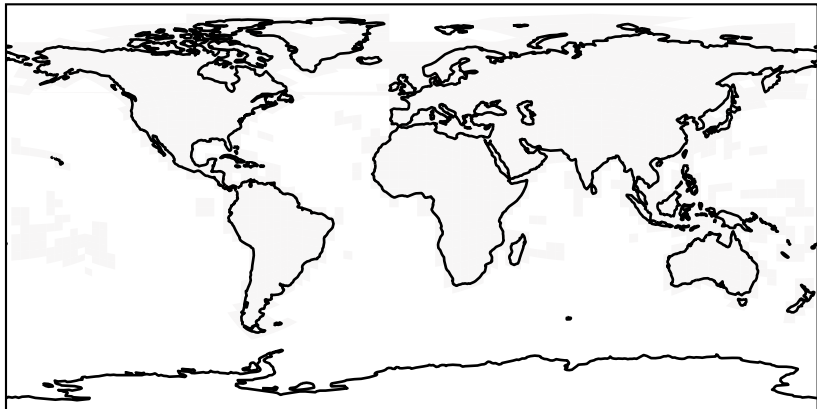
Difference
Dev - Ref, Dynamic Range



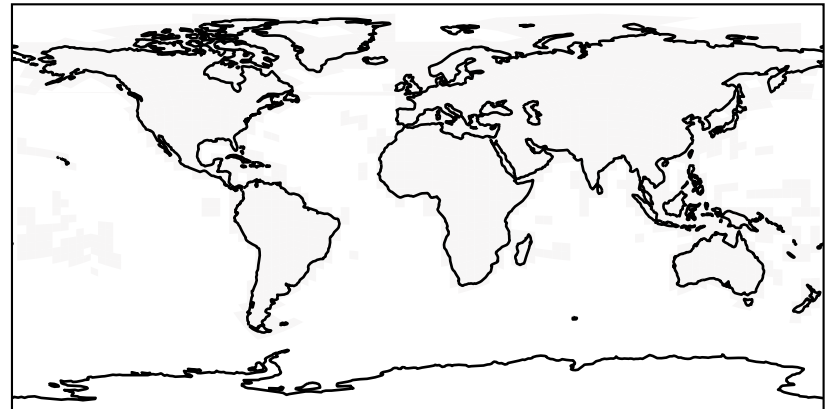
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

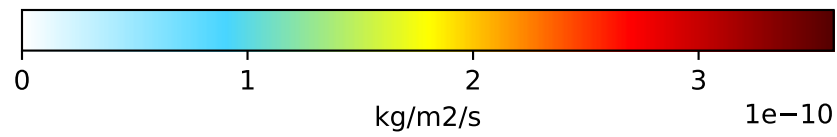
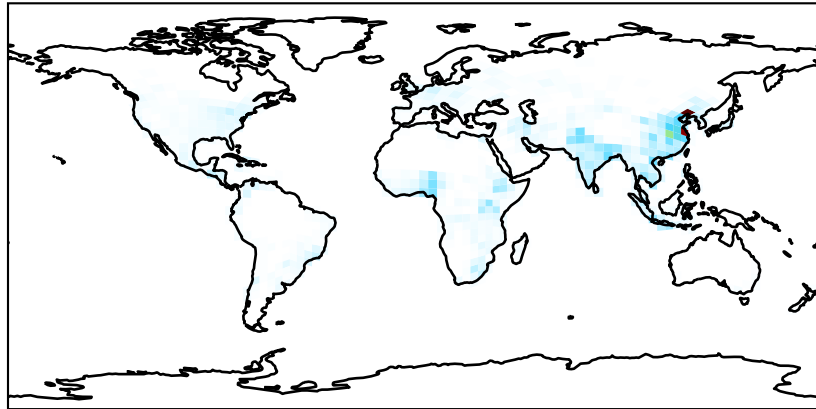


Ratio
Dev/Ref, Fixed Range

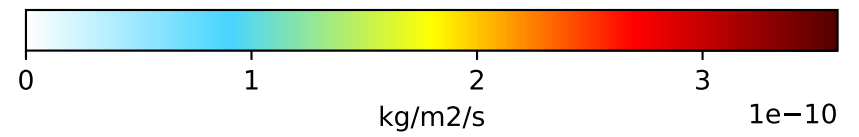
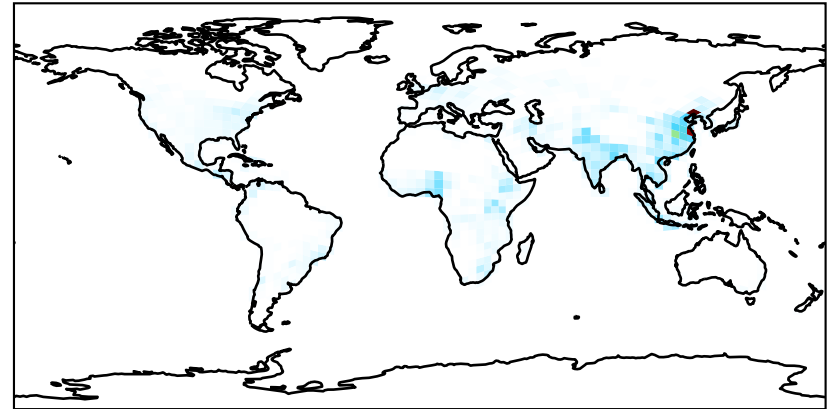


EmisSOAP_Anthro

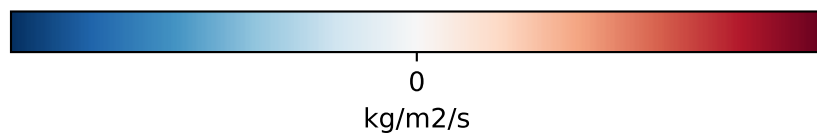
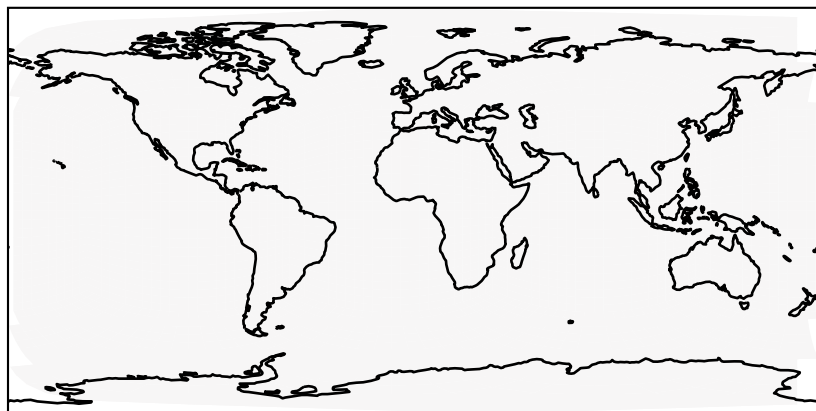
GCHP_14.2.0_MERRA2 (Ref)
c24



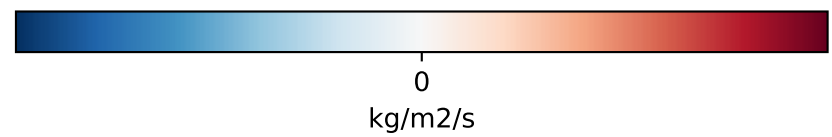
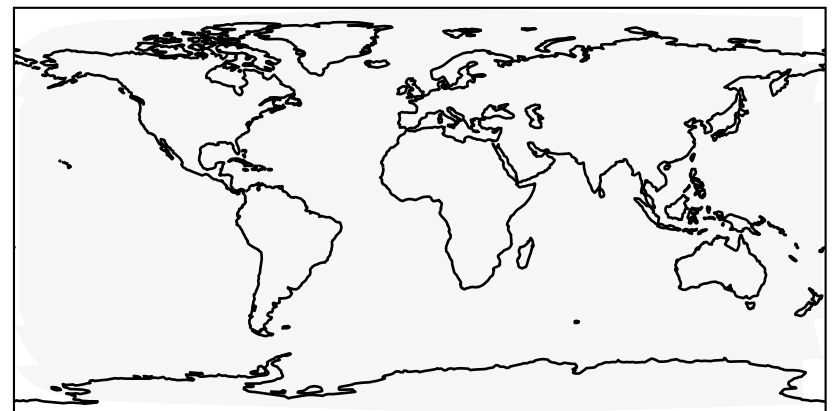
GCHP_14.2.0_GEOS-IT (Dev)
c24



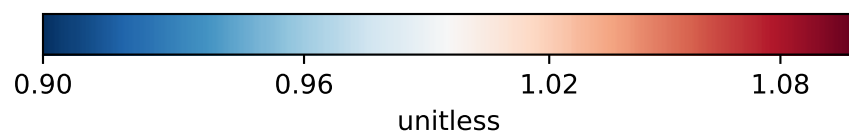
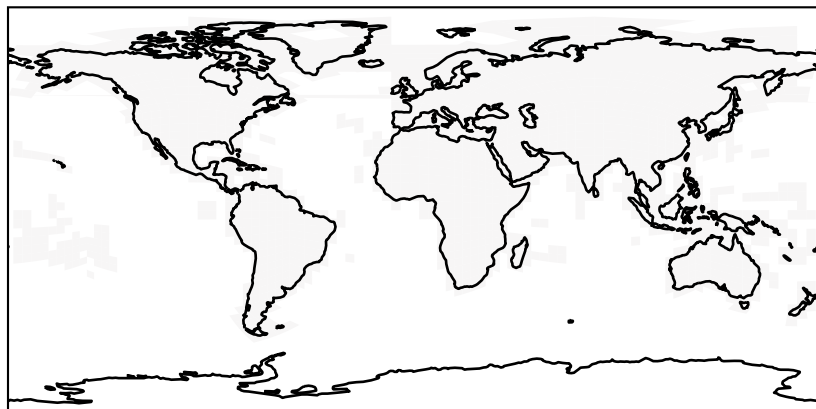
Difference
Dev - Ref, Dynamic Range



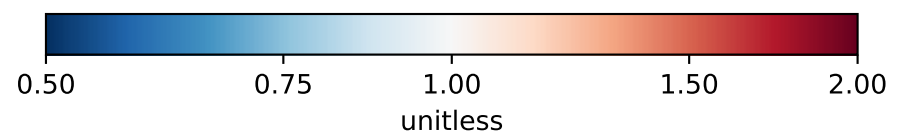
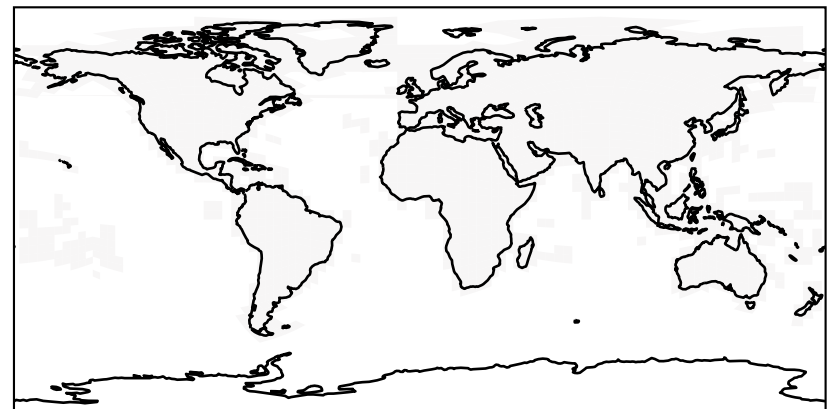
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

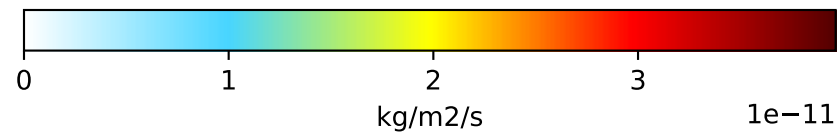
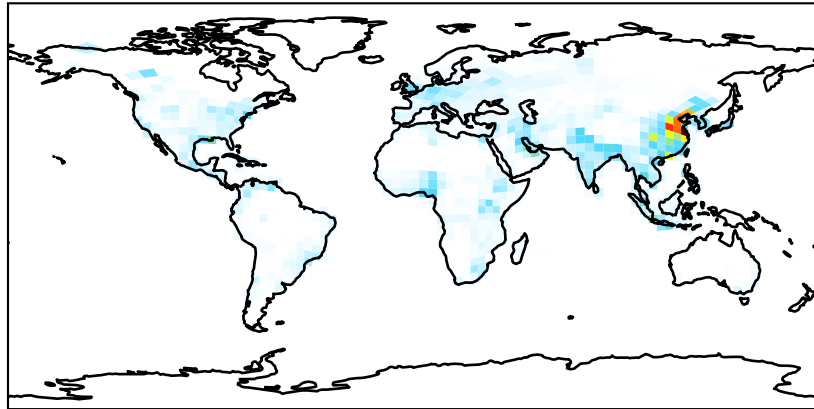


Ratio
Dev/Ref, Fixed Range

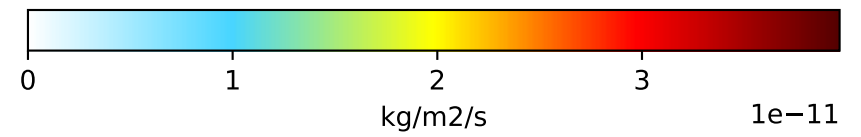
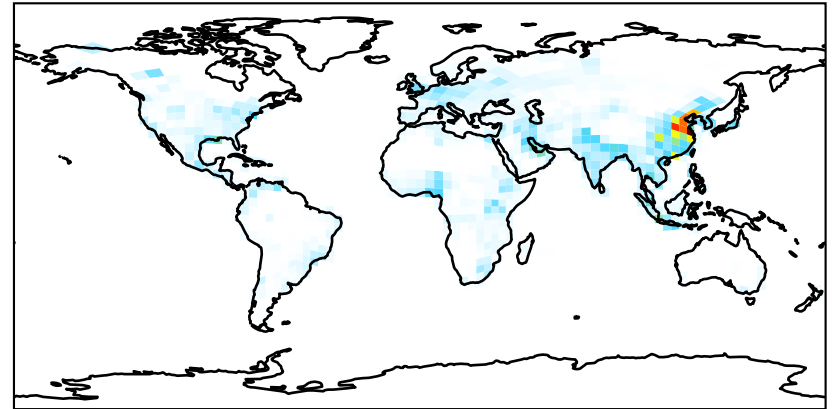


EmisTOLU_Anthro

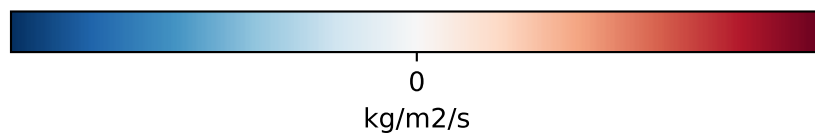
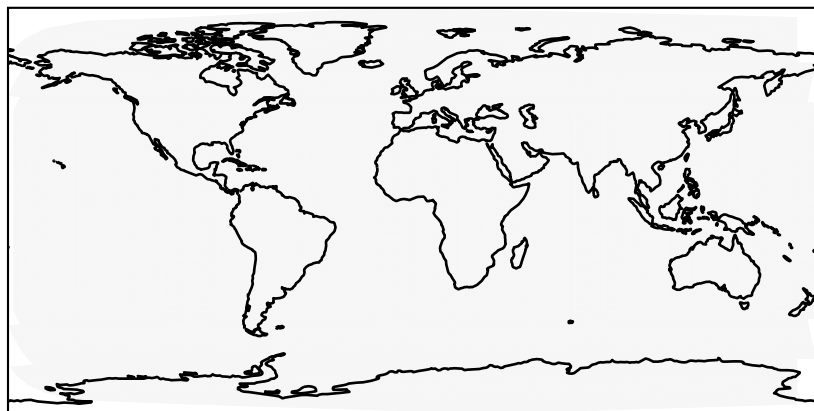
GCHP_14.2.0_MERRA2 (Ref)
c24



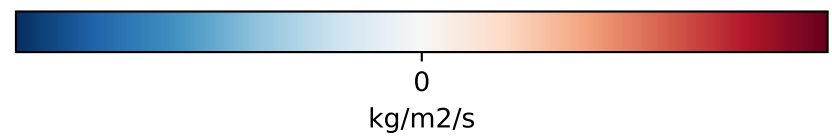
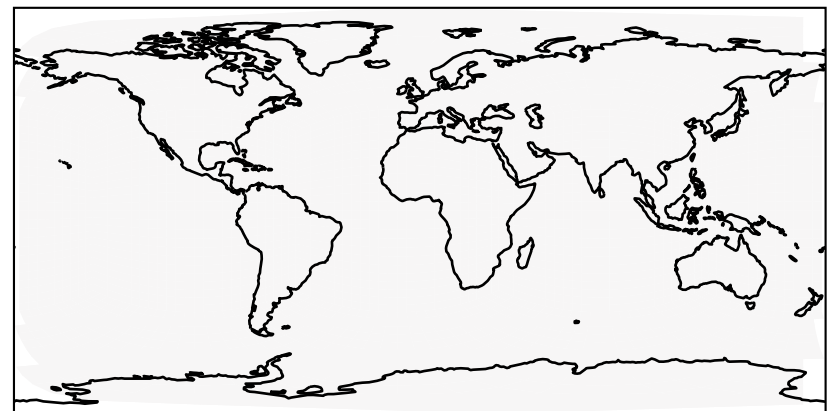
GCHP_14.2.0_GEOS-IT (Dev)
c24



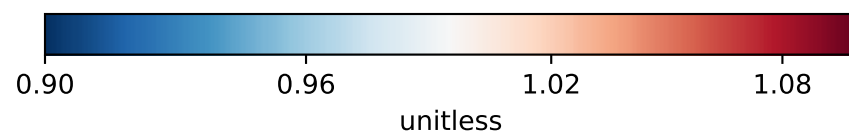
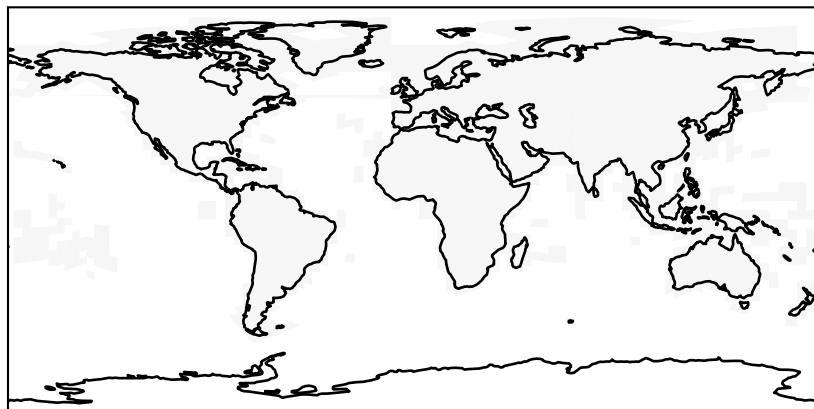
Difference
Dev - Ref, Dynamic Range



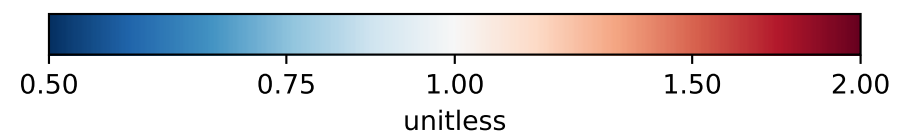
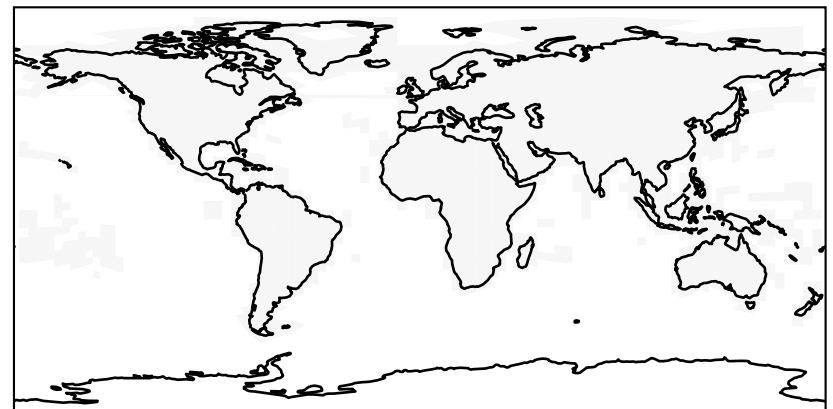
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

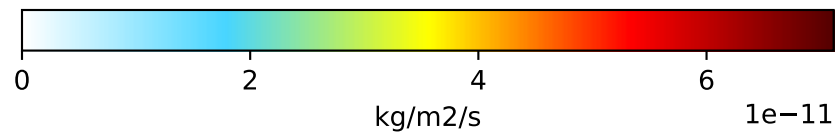
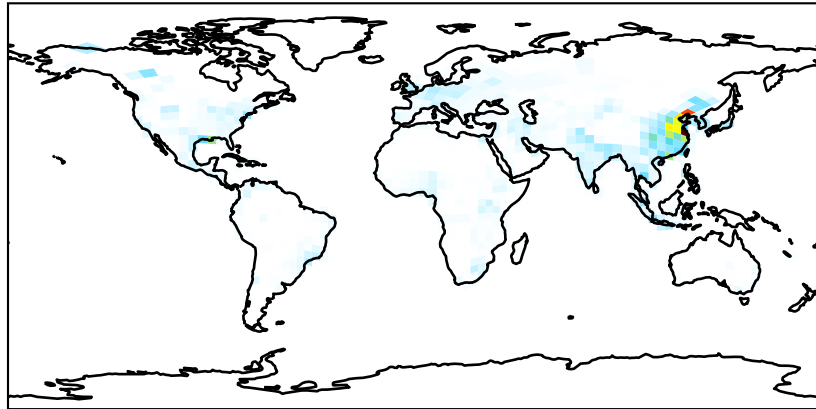


Ratio
Dev/Ref, Fixed Range

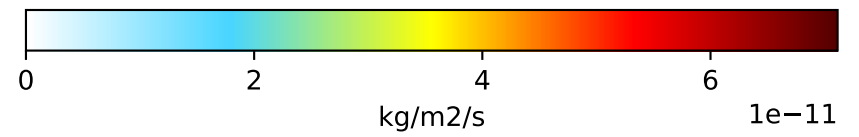
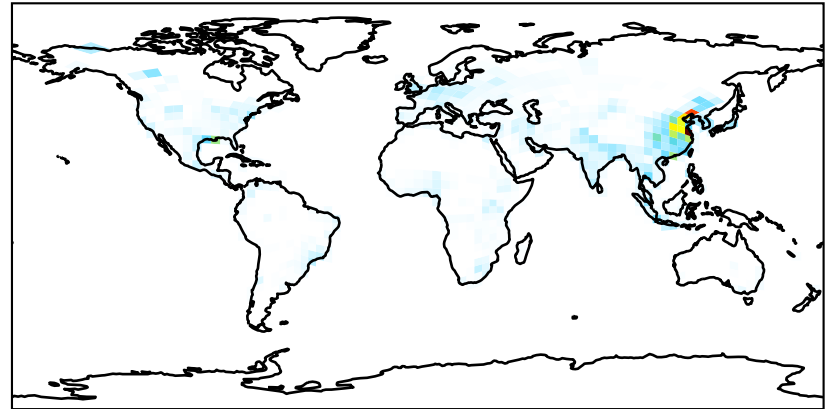


EmisXYLE_Anthro

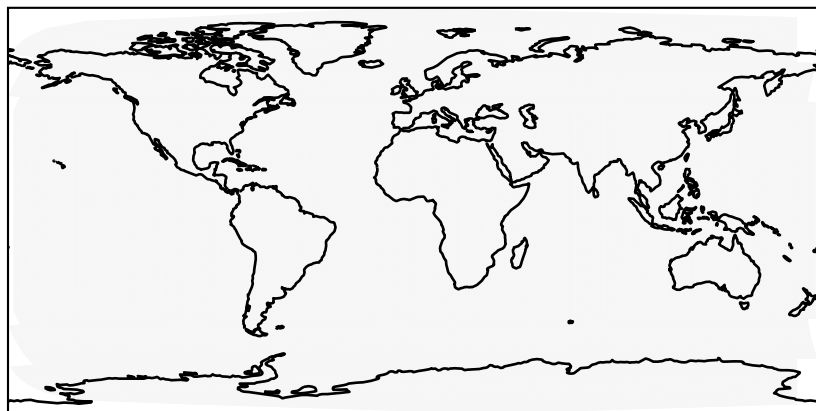
GCHP_14.2.0_MERRA2 (Ref)
c24



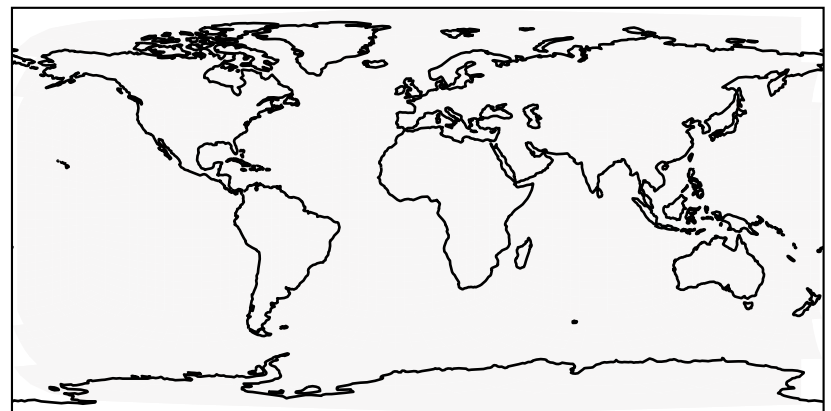
GCHP_14.2.0_GEOS-IT (Dev)
c24



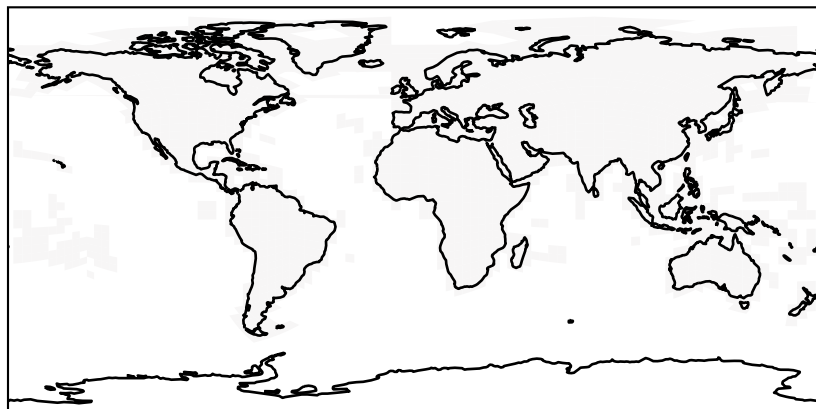
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

